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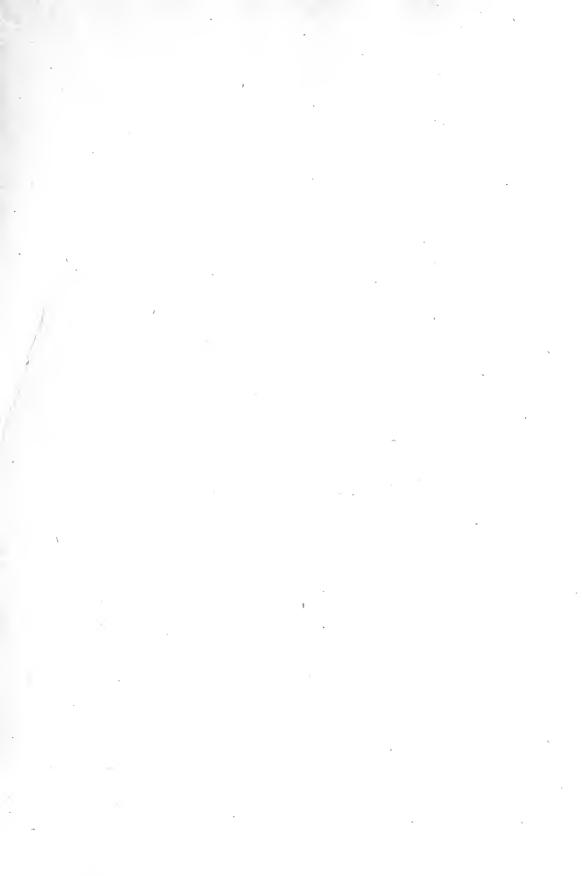
LIBRARY

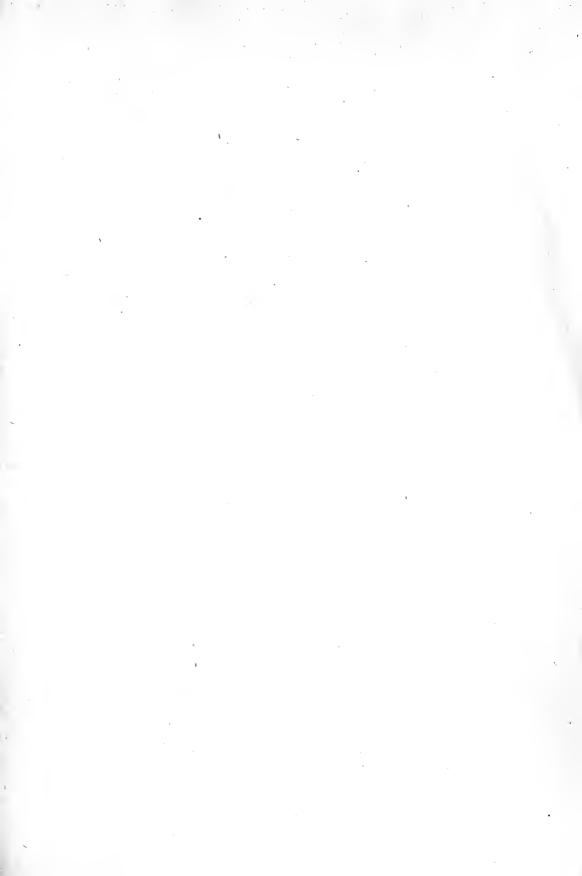
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University of Illinois Library









THE

JOHN CRERAR LIBRARY

SIXTEENTH ANNUAL REPORT

FOR THE YEAR

1910





CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
1911



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1911

C5324R

OFFICERS, 1911

President
PETER STENGER GROSSCUP

First Vice-President Thomas D. Jones Second Vice-President ROBERT FORSYTH

Secretary
LEONARD A. BUSBY

Treasurer
WILLIAM J. LOUDERBACK

Librarian
CLEMENT W. ANDREWS

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STANDING COMMITTEES

Finance

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CHAUNCEY KEEP

MARVIN HUGHITT

Administration

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LEONARD A. BUSBY

FREDERICK H. RAWSON

Buildings and Grounds

JOHN M. CLARK

HENRY W. BISHOP

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Books

Frank S. Johnson

THOMAS D. JONES

ROBERT FORSYTH

DIRECTORS, 1894—1911

Norman Williams		-		-		-		-		-	1894-1899*
Huntington W. Jaci	KS	ON			-		-		-		1894-1901*
MARSHALL FIELD		-		-		-		-		-	1894-1906*
E. W. Blatchford	-		•		-		-		-		1894—
T. B. Blackstone		-		-		-		-		-	1894-1899†
ROBERT W. LINCOLN	-		-		-		-		-		1894—
HENRY W. BISHOP		-		-		-		-		-	1894—
Edward G. Mason	-		-		-		-		-		1894-1895†
ALBERT KEEP -		-		-		-		-		-	1894-1907*
Edson Keith -	-		-		-		-		-		1894-1896*
SIMON J. McPherson		-		-		-		-		-	1894—1899†
JOHN M. CLARK -	-				-		-		-		1894—
George A. Armour		-				-		-		-	18941899†
Frank S. Johnson	-		-		-		-		-		1896—
PETER STENGER GROS	ssc	CUI	?	-		-		-		-	1897
ARTHUR J. CATON	-		-		-		-		-		1900-1904*
MARVIN HUGHITT -		-		-		-		-		-	1900—
THOMAS D. JONES	-		-		-		-		-		1900—
JOHN J. MITCHELL -		-		-		-		-		-	1900
LEONARD A. BUSBY	-		-		-		-		-		1901—
Robert Forsyth -		-		-				-		-	1905—
CHAUNCEY KEEP	-		-		-		-		-		1906—
Frederick H. Raws	ON			-		-		-		-	1908
*Deceased											†Resigned

OFFICERS, 1895–1911

			-					
Norman Williams -			-		-		-	1895-1899
HUNTINGTON W. JACKSON		-		-		-		1900-1901
Peter Stenger Grosscui	P -		-		-		-	1901—
First Vi	ce-I	Pre	sic	len	ts			
EDWARD G. MASON		-		-		-		1895
HUNTINGTON W. JACKSON					-		-	18961900
PETER STENGER GROSSCUE	•	-		-		-		1900
HENRY W. BISHOP -	-		-		-		-	1901-1910
Thomas D. Jones		-		-		-		1911—
Second V	ice-	P_{1}	esi	ide	nt:	s		
Marshall Field	-		-		-		-	1895-1899
PETER STENGER GROSSCUI	P	-		-		-		1899—1900
HENRY W. BISHOP -	-		-		-		-	1900—1901
THOMAS D. JONES		-		-		-		1901-1910
ROBERT FORSYTH	-		-		-		-	1911—
~								
Sec	ret	arı	es					
George A. Armour	-	-		-		-		1895—1900
Arthur J. Caton -	-		-		-		-	1900-1904
LEONARD A. BUSBY		-		-		-		1905—
_				,				
Tre	easi	ire	r					
WILLIAM J. LOUDERBACK	-		-		-		-	1895—
Lib	rar	ria	n					
CLEMENT W ANDREWS		_		_				T805-

LIBRARY STAFF, 1911

Librarian		-		-	CLEMENT W. ANDREWS
Assistant Librarian	-		-		Charles J. Barr
Reference Librarian		-		-	EDWARD D. TWEEDELL
Cataloguer	-		-		AKSEL G. S. JOSEPHSON
Medical Reference Librarian		-		-	Alfred C. Girard
Classifier	-		-		J. Christian Bay
Assistant Reference Librarian		-		-	ROBERT J. USHER
Assistant Cataloguer -	-		-		MARY E. HAWLEY
Assistant Cataloguer		-		-	GERTRUDE FORSTALL

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EDITHA C. PHELPS SARAH S. DICKINSON CHARLOTTE H. FOYE ELIZABETH MONTROSS JENNIE A. HULCE WILLIAM TEAL SOPHIE HYDE WILLIAM A. BRENNAN
HARRIET HOLDERMAN
GENEVIEVE DARLINGTON
BRUNO WILKE
MARGARET FURNESS
EDNA L. GOSS
ALPHA L. OWENS

Elsa Neiglick

Junior Assistants

MABEL HAYWARD
CORNELIA C. WHITE
JOHN W. GORBY
OSCAR E. NORMAN
MARY B. HIBBARD
ALBERTA M. WHIDDEN
HUGO POPPER

JACOB L. FOX
LOUISE MADSEN
CLARA B. TOUZALIN
HATTIE FISCH
HENRY BAHNSEN
BELLE B. GORMLEY
MARY ELLIOTT

Attendants

JOHN A. KRAUTH MARGERY C. COOPER FLEMING D. HEDGES JULIUS CLEMENS A. Frederic Gronberg William E. Boyd Roscoe C. Eaton Milton A. Brown

Pages

HAROLD SHEDDY AUGUST HUNTSCHA George J. Krueger Hans Kleinert

FRED STUEHLER

Janitor

WILLIAM J. JONES

Assistant Janitors

WILLIAM CHAPPELL

AUGUST CARLSON

REPORT OF THE PRESIDENT

11111

TO THE GOVERNOR OF ILLINOIS:

In accordance with the provisions of an act entitled "An Act to encourage and promote the establishment of free public libraries in cities, villages, and towns in this state," approved June 17, 1891, under which this corporation is organized, the Directors of The John Crerar Library submit their sixteenth annual report, for the year 1910.

No changes have occurred in the membership of the Board of Directors, which is composed of the following persons: E. W. Blatchford, Robert T. Lincoln, Henry W. Bishop, John M. Clark, Frank S. Johnson, Peter Stenger Grosscup, Marvin Hughitt, Thomas D. Jones, John J. Mitchell, Leonard A. Busby, Robert Forsyth, Chauncey Keep and Frederick H. Rawson, together with Fred A. Busse, Mayor of Chicago, and Walter H. Wilson, Comptroller, ex-officio members.

The officers of the Library are as follows: President, Peter Stenger Grosscup; First Vice-President, Henry W. Bishop; Second Vice-President, Thomas D. Jones; Secretary, Leonard A. Busby; Treasurer, William J. Louderback; Librarian, Clement W. Andrews.

In accordance with the request of the Board of Directors, the South Park Commissioners, in February, 1910, instituted condemnation proceedings on behalf of the Library under the Act of 1903, entitled: "An Act concerning free public libraries in public parks."

Two suits were brought as test cases by the South Park Commissioners on behalf of the Library, in the Superior Court of Cook County, entitled, respectively: "South Park Commissioners vs. A. Montgomery Ward, et al., Gen. No. 277,376," and, "South Park Commissioners vs. Karpen Bros., et al., Gen. No. 277,377." The suits were for the condemnation of the easement of Ward and Karpen Bros., as abutting property owners. The cases were tried in March, 1910, before Judge McSurely, who ruled adversely to the South Park Commissioners and the Library.

Thereupon, the South Park Commissioners, on behalf of the Library, took an appeal to our Supreme Court, and on December 21, 1910, the Supreme Court handed down an opinion deciding the issues against the South Park Commissioners and the Library, and affirmed the decision of the court below.

A petition for a rehearing is being prepared, and will be submitted to our Supreme Court, so that a final disposition of the question may be expected at an early date.

The growth of the Library in its ability to render service to the public and the increase in the use of it have been steady. It now contains 268, 153 volumes, some 81,000 pamphlets, and 2,781 maps and plates. It receives currently 3,240 periodicals and 8,595 other serial publications.

The use made of the Library has increased largely and amounted to some 434,000 books and periodicals for the year. The recorded attendance was 138,353. For further details reference is made to the appended report of the Librarian.

The report of the Treasurer, also appended, presents the statement of the income and expenditure for the year 1910, together with a statement of the assets and investments, as required by law.

Respectfully submitted,

PETER S. GROSSCUP,

President.

CHICAGO, January 19, 1911.

REPORT OF THE TREASURER

STATEMENT OF FINANCES FOR YEAR 1910

CASH

Cash on hand January 1, 1910:		-
In bank	\$ 43,373.99	
Librarian, petty cash	141.17	\$ 43,515.16
RECEIPTS		
Collections account income	\$212,649.64	
Huntington W. Jackson Fund, income	40.00	
Bills Collectable	1,373.69	
Investments:		
Notes	- 50,000.00	
Stocks	76.36	264,139.69
		\$307,654.85
DISBURSEMENTS		
Audited Vouchers	\$156,241.50	
Investments:	# - J - J - 1 - · J -	
Bonds (Interest)	208.00	
Farm Mortgage Loans	104,378.57	\$260,828.07
Cash on hand December 31, 1910:		
In bank	\$ 46,664.93	
Librarian, petty cash	161.85	\$ 46,826.78

OPERATION

INCOME \$ 217,262.34 Huntington W. Jackson Fund, income - 40.00	
	\$ 217,302.34
EXPENSE	
Administration:	
Rent, Light, etc \$33,285.73	
Salaries, Wages 53,032.43	
Supplies 2,738.47 Printing 7,005.83	
Sundries 6,825.29 \$ 104,583.31	
Books:	
Books \$20,148.06	
Periodicals 9,422.57	
Binding 11,959.69	
Lettering, Repairs - 1,420.17 42,950.49	
D. 11.11.	
Buildings and Grounds:	
Repairs \$ 4,962.58	
Depreciation 3,189.75 8,152.33	\$ 155,686.13
Surplus for year 1910	\$ 61,616.21
ASSETS	
Bonds \$3,082,640.91	
Stocks 695,317.92	
Stocks 095,317.92	
Mortgage Loops	
Mortgage Loans 475,000.00	
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00	
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84	
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98	
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98 Accounts Receivable 1,967.46	
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98 Accounts Receivable 1,967.46 Bills Collectable 1,491.93	
Mortgage Loans - - - 475,000.00 Farm Mortgage Loans - - 103,100.00 Furniture and Fixtures - - 28,707.84 Book Investment - - 429,839.98 Accounts Receivable - - 1,967.46 Bills Collectable - - 1,491.93 Medical Library Purchase Suspense 35,000.00	
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98 Accounts Receivable 1,967.46 Bills Collectable 1,491.93	
Mortgage Loans - - - 475,000.00 Farm Mortgage Loans - - 103,100.00 Furniture and Fixtures - - 28,707.84 Book Investment - - 429,839.98 Accounts Receivable - - 1,967.46 Bills Collectable - - 1,491.93 Medical Library Purchase Suspense 35,000.00	
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98 Accounts Receivable 1,491.93 Medical Library Purchase Suspense - 35,000.00 Cash 46,826.78 Total	
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98 Accounts Receivable 1,967.46 Bills Collectable 1,491.93 Medical Library Purchase Suspense - 25,000.00 Cash LIABILITIES	\$4,899,892.82
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98 Accounts Receivable 1,967.46 Bills Collectable 1,491.93 Medical Library Purchase Suspense - 35,000.00 Cash 46,826.78 Total	\$4,899,892.82
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98 Accounts Receivable 1,967.46 Bills Collectable 1,491.93 Medical Library Purchase Suspense - 35,000.00 Cash 46,826.78 Total	\$4,899,892.82
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98 Accounts Receivable 1,967.46 Bills Collectable 1,491.93 Medical Library Purchase Suspense - 35,000.00 Cash 46,826.78 Total 53,500,000.00 Building Fund 954,908.46 Book Fund 954,908.46	\$4,899,892.82
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98 Accounts Receivable 1,967.46 Bills Collectable 1,491.93 Medical Library Purchase Suspense - 35,000.00 Cash 46,826.78 Total \$3,500,000.00 Building Fund 954,908.46 Book Fund 954,908.46 Security Reserve Fund 13,714.04	\$4,899,892.82
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98 Accounts Receivable 1,967.46 Bills Collectable 1,491.93 Medical Library Purchase Suspense - 35,000.00 Cash 46,826.78 Total \$3,500,000.00 Building Fund \$3,500,000.00 Building Fund 954,908.46 Book Fund 13,714.94 Huntington W. Jackson Fund 1,000.00	\$4,899,892.82
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98 Accounts Receivable 1,967.46 Bills Collectable 1,491.93 Medical Library Purchase Suspense - 35,000.00 Cash 46,826.78 Total \$3,500,000.00 Building Fund 954,908.46 Book Fund 954,908.46 Security Reserve Fund 13,714.04	\$4,899,892.82
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98 Accounts Receivable 1,967.46 Bills Collectable 1,491.93 Medical Library Purchase Suspense - 35,000.00 Cash 46,826.78 Total \$3,500,000.00 Building Fund \$3,500,000.00 Building Fund 954,908.46 Book Fund 13,714.94 Huntington W. Jackson Fund 1,000.00	\$4,899,892.82
Mortgage Loans 475,000.00 Farm Mortgage Loans 103,100.00 Furniture and Fixtures 28,707.84 Book Investment 429,839.98 Accounts Receivable 1,967.46 Bills Collectable 1,491.93 Medical Library Purchase Suspense - 35,000.00 Cash 46,826.78 Total \$3,500,000.00 Building Fund 954,908.46 Book Fund 954,908.46 Huntington W. Jackson Fund - 1,000.00 Book Purchase Reserve 429.44	\$4,899,892.82

In accordance with the instructions of the Board of Directors, the Building Fund has been increased by the amount of the surplus for the year, \$54,474.27, less the balance of \$141.94, from appropriation for books carried to Book Purchase Reserve and less the fifth annual charge of \$7,000.00 against the Medical Library Purchase Suspense Account, making a total to the credit of the Building Fund of \$954,908.46.

The Book Fund has been increased by the amount of the investment during the year, less depreciation, and now stands at \$429,839.98.

The income of the Huntington W. Jackson Fund has been expended for books.

Insurance is in force covering the property of the Library in amounts as follows:

Books -	-	-	-	-	-		-	\$	349,500.00
Portraits,	Furnitu	re,	Fix	tures,	and	De	cora	-	
tions	•	-					-		28,000.00
Type and	Cases		-	-	-	-			4,500.00
								\$	382,000.00

Wm. J. Louderback,

Treasurer.

CHICAGO, January 19, 1911.

We have audited the books and accounts of The John Crerar Library for the year ending December 31, 1910; have examined and priced all securities, which we find to have an aggregate market value largely exceeding the book values, and have verified the cash on hand and in banks.

We accordingly certify that the attached statements truly exhibit the cash receipts and disbursements and the operating income for the said year, and the assets and liabilities at its close.

THE AUDIT COMPANY OF NEW YORK,

G. H. MCVICKER,

CHICAGO, February 24, 1911.

Western Manager.

REPORT OF THE LIBRARIAN

To the Board of Directors of The John Crerar Library.

Gentlemen:—A very unusual series of resignations, dismissals and absences has prevented the accomplishment of the usual amount of routine work in 1910. The deficiency was increased by the effort made to maintain the service to the public at the expense of the routine work. That this effort was not unsuccessful is shown by the statistics of attendance and use.

Rooms. No changes have been made during the year. Continued use has confirmed the favorable opinion of those made in 1909. The indirect system of lighting has given general satisfaction and might well be extended over the offices and official catalogue.

Department of Medical Sciences. The working collection on the shelves of the Senn Room has now been brought up to date. Indeed, so many new books have been received that a considerable number of older works have of necessity been retired to the stacks. The collection, now some 3,000 volumes, is nearly as large as the shelves will permit. Hereafter each new work added to it will displace another work, and the same care as is used for the collection in the main Reading Room will be used to make sure that the displacement is justified.

Work on the long sets of non-current periodicals has been nearly finished, progress has been made on the cataloguing of the Senn Collection and in the classification of its pamphlets, the periodicals and some other material from the Martin and Geibel purchases have been accessioned and catalogued, and many duplicates have been eliminated. In this way, the shelves of the main collection still under the old classification have been reduced from 495 to 376, the unaccessioned portion of the Martin purchase to 63 shelves, that of the Geibel purchase to 18 shelves, and the uncatalogued portion of the Senn Collection to 271 shelves.

A list of the current periodicals shelved in the Senn Room has been issued and is described with the other publications of the year.

Special Collections. Besides the work done in catalogues,

and classifying the Senn Collection, already mentioned, progress has been made in its readjustment in accordance with the understanding with the donor. It is hoped that this can be completed in 1911; but at present no statement of the permanent size can be made.

From the proceeds of its special fund thirteen volumes have been added to the Huntington W. Jackson Collection on Constitutional Law, which now contains 544 titles of which 49 have been purchased from the fund.

Routine. The classified subject index to the official catalogue, which had been maintained from the beginning, has been discontinued. Although at times of very great use both to students in giving references to much material too recent for the best bibliographies, or outside their scope, and to the staff in placing books asked for only by their titles, yet it was found not to justify the necessary expenditure of time now that the demands on the evening staff are too steady to allow the work to be done in odd moments.

Attendance. The total number of visitors recorded during the year was 138,353 and the daily average was 442; an increase of three per cent over the figures for 1909, which were 134,579 and 430 respectively. This increase is about the same as for the previous year, is about one-half the average increase since the opening of the Library, and is probably all that can be expected under present conditions.

The evening attendance, 89, is the same as in 1909. The average attendance on the five general holidays increased from 189 to 218; part of this increase is due to the fact that Christmas was a double holiday. The smallest attendance was 140 on November 24th, and the largest 863, on March 12th. The figures for 1909 were 139 and 857 respectively.

The attendance in the Senn Room has increased from 84 a day to 89, an increase somewhat, but not greatly, larger than that for the Library as a whole.

Use. The recorded number of calls for periodicals from the alcove is about the same as in 1909, being 19,990 as against 20,261. The decrease is not significant for it probably indicates that an increased proportion of periodical readers find it more convenient to read in the alcove rather than at a table.

On the other hand, the notable increase in the recorded

number of calls for books from the stacks from 107,006 to 124,819 can mean only a gratifying increase in the more serious use of the Library, though it is true that it is in part only the recovery of the ground lost in 1909.

Using the same factor as in previous years the total use of the Library in 1910 may be estimated at 434,000 books and periodicals.

A detailed classification of the call slips for books and periodicals and of admissions to the stack is given in the second table of library statistics. The following table gives a comparison of the totals and percentages for each department with the corresponding figures for 1909:

	RECOR	DED USE	:	ADMI	SSIONS	то тн	E STACK
10	910	10	909	1	910	I	909
m	Percen		Percent		Percent		Percent-
Total	age	Total	age	Total	age	Total	age
Unclassified 616		376					
General Works26,079	18	22,139	17	157	7	153	6
Social Sciences29,398	20	23,927	19	281	12	168	7
Physical Sciences15,070	ΙI	13,158	10	277	11	299	12
Natural Sciences 8,551	6	7,296	6	277	11	317	13
Medical Sciences12,922	9	11,177	9	477	20	752	31
Applied Sciences52,173	36	49,194	39	961	39	748	31

As will be seen, every department shows a substantial increase. The changes in proportion are insignificant, though it is to be noted that the department of Social Sciences continues to gain. Much the same may be said of the changes in the calls for particular subjects; only seven show a decrease, and for only one, photography, with a decrease of one-third, is it more than trivial. On the other hand, several subjects show increases of one-half to two-thirds, the calls for philosophy have doubled, and those for palæontology have been ten times as many as in 1909 or twice as many as in 1908. The first six subjects are the same as in 1909 and in the same order: engineering, medicine, political economy, trade and transportation, physics, chemical technology.

The admissions to the stack were 2,430, a decrease of 7. Of the admissions recorded, 1,650 were by registration and 780 on presentation of 28 passes. Two additional passes have been granted, leaving 93 nominally in force.

The loans for use outside the Library were one-half more than in 1909. There were granted 161 requests from 49 libraries and 171 requests from 94 individuals. Ten requests

from libraries were refused. In 1909 the loans were 212 and the refusals seven. In seven cases the books loaned were asked for while out.

The calls for assistance by telephone were 480, and the requests for information by letter were 144. The figures for 1909 were 363 and 165 respectively.

The time required to fill calls has been determined in the same way as for the previous year. The average time was 3.73 minutes as against 3.66. Because of the many changes in the staff a loss of efficiency was almost inevitable, but it is very creditable to those concerned that this loss proved to be so slight.

The record of the causes of failures to supply books called for, which should have been supplied, is as follows: at bindery, 578; otherwise unavailable temporarily, mostly stolen and not yet replaced, 40; in use by another reader, 960; withdrawn from general circulation, 30; not found on shelves, 236; errors of library assistants or records, 55; total, 1,889. The total is 1.52 per cent of the total call slips presented, while in 1909 the percentage was 1.36. More than the whole of this increase is in the books in use by another reader and this is attributable to the visits of classes of students all asking for a few works. This, of course, is a demand upon the Library which it does not pretend to meet. Excluding the first four causes as unavoidable, the avoidable failures were 291, or 0.23 per cent, as against 0.4 per cent in 1909. This improvement is also very creditable to the attendants.

Publications. In March the Library issued its *Fifteenth Annual Report*, a pamphlet of 75 pages. Besides the usual matter it contains the Report of the Special Committee on Site, which puts on record the legal and other proceedings in connection with their effort to secure a site in Grant Park. An edition of 6,000 copies was printed and distributed.

Also in March, the Library issued a List of Current Medical Periodicals and Allied Serials, a pamphlet of 25 pages. This gives in alphabetical order some 850 titles of current serials, most of which are kept on the open shelves of the Senn Room. For the greater convenience of those using the list, it gives the earliest volume from which the set is current, and indicates the existence of serious deficiencies. An edition of 1,000 copies was printed.

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In August the Library issued, in honor of the meetings of the Congrès international de bibliographie et de documentation and the Congrès international des archivistes et des bibliothécaires at Brussels, a special edition of its Handbook. It was intended to print only enough copies for the Congresses, but through a mistake of the printer, an edition of 1,000 copies was printed, and is now exhausted.

The List of Histories of Science is now ready for the press, and should be ready for issue early in 1911. Much material has been collected for the List of Histories of Arts and Industries, and this should be ready for the press by the end of the year. The preparation of the new edition of the List of Serials has been delayed seriously by the illness and absence of the Librarian. While considerable work has been done, no time can be set for its appearance. This is the more to be regretted because both the original list and the supplement are out of print, as is, also, the List of Bibliographies of Special Subjects. This has proved to be a useful tool and its reprinting in a new edition is worthy of consideration.

The following table shows the distribution of the publica-

ions:					ISTRIBUT		
				On hand	Exchange		On hand
	TITLE	Date	Edition	Jan. 1	or Gift	Sale	Dec. 31
	Serials		350	88	88		
	licals Received	1902	1,000	338	II	I	326
	graphies of Special						
	jects		966	25	14	11	
	rial Arts		980	152	IO	4	138 76
	pedias and Directories		700	96	13	7	76
	ement List of Serials.		745	65	52	13	
	graphy Union Lists		317	266	2		264
	Exhibited		2,000	775	22	I	752
	oook, 1907		2,000	225	225		
Books	in Reading Room	1909	956	417	67	24	326
	nt Medical Periodicals		1,000		691	40	269
Handl	oook, 1910	1910	1,000		950		50

The distribution of one copy of each catalogue card to the Armour Institute of Technology, Chicago Public Library, Field Museum of Natural History, Library of Congress, Northwestern University, Princeton University, University of Chicago, University of Illinois, and University of Michigan, and of a selection to the American Institute of Mining Engineers and the U.S. Geological Survey, has been continued. Orders for cards on special subjects have been received from thirteen new sources, of which the most important are the Lane Medical Library, the

Chicago Board of Health, the Bureau of Railway Economics, and the University of Minnesota.

In addition, orders have been received from Yale and Columbia Universities for one copy of all titles printed by the Library, and arrangements have been made to send similar sets to the Institut International de Bibliographie at Brussels in exchange for Belgian documents, to the State Library at Albany in exchange for New York documents, and to Harvard University in exchange for its printed cards. These orders and exchanges have made necessary the reprinting of many of the older titles, and the probability of future orders makes it seem desirable to electrotype all titles as was done for several years. About one-fourth of these sets have been sent out. In all, 85,275 cards have been sent to the depository libraries, 5,223 sent as gifts, and 81,015 sold or sent in exchange. From the Library of Congress there have been received 42,839 cards, making a total of 433,058 in the depository catalogue.

Selection and Ordering. The selection of new works is fairly up to date, and substantial progress has been made in the revision of the older selected titles. The ordering has again been greatly delayed, partly by the illness and absence of the Librarian and partly by a long absence of one of the assistants. Probably no great increase in the arrears has occurred, but certainly they have not been diminished as was hoped.

During the year 8,294 orders were given. Of these 851 failed or were canceled, leaving 7,443 valid orders, covering 16,336 volumes at an estimated cost of \$20,103. Of outstanding orders, 8,264 were filled, covering 18,440 volumes at a cost of \$20,148. There are left outstanding 2,363 orders, at an estimated cost of \$4,355; of these 618 were given before January 1, 1910. The distribution of the orders of the year, of the total to the end of 1910, and the estimated cost to the nearest dollar, are given in the second table of library statistics. The estimates for the orders for the year and for back orders are corrected separately as orders are filled or canceled, so that the total now reported is not the sum of that previously reported and the new orders.

Accessions. The total accessions of volumes for 1910 have been 17,758, of which 3,967 have been received as gifts and

13,791 obtained by purchase. Volumes made by binding serials are included in these figures. There have been withdrawn 886 volumes, leaving the net accessions for the year 16,872, which, with the 251,281 reported for 1909, make a total now on the books of 268,153. There remain to be entered the Laufer purchase and considerable portions of the Gerritsen, Geibel, and Martin purchases.

The accessions of maps and plates for 1910 were 1,198, and the total entries 2,781.

There have been few pamphlets obtained by purchase, but the number received as gifts was 25,038, far greater than any previous record. Author slips for 7,026 titles were filed in the official catalogue and the classified collection has been increased by 9,418 pamphlets. The last number includes the preceding but these two have no necessary connection with the first. Many of the pamphlets received are duplicates and many more are continuations or for various reasons are put elsewhere than in the pamphlet collection. On the other hand, many pamphlets already in the Library have been classified and entered in the official catalogue. Of the 9,418 net accessions in the classified collection, 1,070 were from the Senn Collection, some 1,970 from the unclassified material in the Department of Medical Sciences, and some 2,560 from other accumulations, leaving some 3,800 as the new accessions of the year. The total in the Library is approximately 81,000. Their classification is shown in the second table of library statistics.

The following table shows the distribution of the net accessions for 1910 and of the totals entered, by departments, together with the percentages of the bound volumes:

		1910			TOTAL	
DEPARTMENT	Volumes	Per cent.	Pamphlets	Volumes	Per cent.	Pamphlets
Unclassed	30			15,758		38,100
General Works	1,941	12	1,504	35,620	14	8,341
Social Sciences	5,355	32	2,842	62,186	25	12,830
Physical Sciences		7	375	22,854	9	1,352
Natural Sciences	1,407	8	492	26,511	ΙΙ	1,821
Medical Sciences	3,370	20	3,459	54,120	21	13,241
Applied Sciences	3,614	21	746	51,104	20	5,268
Total	16,872		9,418	268,153		80,953

The periodicals currently received are 3,240, of which 723 are received as gifts and 2,517 by subscription, at an estimated yearly cost of \$9,158.49. Their classification is shown in the second table of library statistics.

The assistant in charge of the Continuation Record reports 1,521 titles added to the list and 231 withdrawn, leaving 8,595 at the end of the year. About 3,380 are obtained by subscription, at a cost in 1910 of \$4,630.09. These furnished 1,488 volumes entered on the record of accessions. The other continuations were received as gifts or in exchange, and furnished 1,518 volumes. There was an increase of more than 17 per cent in the number of titles in the record, and yet almost twice as much work as even in 1909 was done in trying to keep the files complete. For the gifts 1,454 first and 123 second requests were sent and 75 reported to the Librarian for personal letters. For the purchases 306 first and 22 second notifications were sent and 2 reported to the Librarian.

There is but one considerable purchase to be noted. Dr. Berthold Laufer has finished his purchase of works in the languages of Eastern Asia. From his report the following facts are taken. The collection made for this Library consists of 825 works in 14,055 volumes, selected with regard to the scope of the Library and distributed as follows: General Works, 363 Social Sciences, 274; Physical Sciences, 31; Natural Sciences, 38; Medical Sciences, 95; Applied Sciences, 24. As to language, 655 are Chinese, 74 Japanese, 22 Manchurian, 15 Thibetan, 3 Mongol, and 56 in other languages. Of manuscripts there are four and of early printed books, 48; the oldest is a medical work of the 12th century. Taken together with the collection of about equal size made for the Newberry Library in the subjects within its field, the total is, in Dr. Laufer's opinion, worthy to rank with the European collections of Chinese literature. No definite plans for the utilization of these works can be made at present, but it is probable that a joint catalogue will be issued.

Rather more than the usual number of sets of periodicals have been completed. Among them are: Annales de l'Observatoire de Bordeaux, Anales de la Sociedad española de historia natural, Archiv für experimentelle Pathologie, Archiv für Psychiatrie, L'astronomie, British medical journal, Boletim annual da Sociedada Broteriana, Bullettino della Società toscana di orticultura, Der chemische Ackerman, Centralblatt für die gesammte Therapie, Jahrbuch der praktischen Medicin, Jahrbuch des

Naturhistorischen Landesmuseums zu Kärnten, Mémoires de l'Académie des sciences morales et politiques (Paris), Metal worker, Minutes of proceedings of the Royal Artillery, Pharmaceutische Centralhalle, Publications de la Société des sciences et arts (Vitryle-François), Vierteljahrsschrift für gerichtliche Medizin, the publications of the Geological Survey of Sweden, of the Zi-kawei Observatory, and of the Observatory at Batavia. The set of Canadian Sessional Papers has been made nearly complete, and considerable additions have been made to the files of insurance reports and of North Carolina documents. Many Minnesota and Oregon documents have been received in exchange.

The number of gifts, both books and pamphlets, and the number of donors continue to increase remarkably. There were received 8,106 volumes and 25,038 pamphlets from 2,642 donors. The volumes entered in the accession record were 3,967. The figures for 1909 were 3,908 volumes, 11,484 pamphlets, 2,271 donors, and 4,773 entries.

The effort of the Medical Reference Librarian to enlist the interest of the medical profession of the city in the development of the Library has been rewarded by many gifts. The following may be mentioned as making unusually large contributions: American Medical Association, Cook County Hospital, the Chief Surgeon of the Department of the Lakes, Mrs. Geo. F. Shears, and Drs. Karl Beck, J. H. Byrne, F. S. Crocker, Nathan Davis, J. C. Johnson, A. C. Klebs, D. Liebarthal, H. N. Moyer, Emil Ries, E. B. Tureur, and C. H. Von Klein. Large collections of material on non-medical subjects have been received from the Chicago School of Civics and Philanthropy, Mr. Lyman A. Cooley, Mrs. F. W. Mercer, Northwestern University, and the Van Cleef Bureau, and a file of its Annual Reports from the N. Y. Produce Exchange. To the Classifier, Mr. J. C. Bay, the Library is indebted for a copy of Die Bildnisse Albrecht von Hallers, by Artur Weese.

Duplicates. One very large transaction is to be noted. The Library disposed of all its duplicates in the medical and natural sciences, estimated at 10,000 volumes, to a dealer for \$1,300. Other small sales amounted to \$23.00. On priced exchange 60 bound volumes, 73 unbound, and 22 pamphlets, valued at \$58.75 have been sent; 10 volumes and 118 pamphlets, valued at \$19.80

have been received: on piece exchange 323 bound volumes, 25 unbound, 66 pamphlets and 24 numbers have been sent; 457 bound volumes, 781 unbound, 289 pamphlets, and 1,158 numbers have been received. In addition, there have been sent to the Oregon State Library 521 bound volumes, 150 unbound, and 229 pamphlets, in return for a considerable collection of older Oregon documents and the promise to send future issues.

Inventory. The seventh regular inventory has been begun and the shelves of the Department of Medical Sciences have been read. The result is quite satisfactory. Only 31 volumes are missing from the regular shelves and nine from the Senn Collection. The larger part of these are incomplete volumes in temporary binders and it is practically certain that most of them are simply misplaced or have lost their labels. Besides these, 59 serious misplacements were detected and rectified.

The record of losses is wholly out of the usual, both for good and bad. At the beginning of the year 118 volumes had been lost or taken from the Reading Room. Early in 1910 serious losses were discovered, bringing the total up to 162 before the thief was caught. From his room 55 volumes were recovered, thus showing that one man had taken more than one-third of all lost since the opening of the Library. At the same time 29 volumes belonging to the Public Library were recovered. Other unusual features in the case were the pains taken to obliterate the marks of ownership, the perforated title-pages, for instance, being replaced by reprinted copies, and the determination of the new possessor that the books should not again migrate, for his neatly printed book-plate bore the warning "Positively no loan of this book." He received a jail sentence of nine months. For some time it was hoped that the record of a previous year might be repeated and the books found outnumber those lost, but unfortunately some very serious losses have occurred in the latter part of the year. Eleven books have been taken from the stacks by means of call slips falsely filled out. Seven or eight of these were taken by three individuals, two of whom were caught, and one known to have left the city. One stolen book was returned to us by the St. Louis Public Library, on whose shelves it was found. Eleven previously reported missing have been found. The total losses for the year were 151, the total recoveries 72, leaving the net loss 79.

should be added that 54 of these are from the open shelves of the Senn Room, and are probably due to one or two individuals. It may be of interest to note that one thief, caught recently, had taken at least three copies of the same work. The earlier losses were mentioned in the report for 1909.

If the losses of books have been greater than usual, on the other hand those of periodicals and the losses by mutilation have been fewer. Only 20 numbers of periodicals are missing and five have been found to be mutilated. All but two have been replaced. The figures for 1909 were 40 and 14. Three mutilated books have been found.

Binding. On January 1, 1910, there were at the binderies 1,548 volumes, and 10,903 were sent during the year; 14 were returned as incomplete, and 11,613 bound; leaving 803 at the binderies December 31, 1910. About one-fifth were bound by the Newberry Library. The cost of binding was \$11,959.69, an average of \$1.03 per volume. The cost of shelf-marking the accessions of the year, together with a considerable amount of repairing, inserting book-plates, and similar work, was \$1,420.17.

Catalogues. The Cataloguer reports that during the year 5,570 new titles have been prepared for print; 283 new titles typewritten; 68 titles prepared for print to replace old typewritten titles, and 11 to replace Library of Congress titles; 4,876 titles received from the Library of Congress have been classified for the catalogues; 503 titles have been prepared for the cooperative analysis of serials. The total number of titles treated by the Cataloguer and Classifier and their assistants has been 12,960, a decrease of 370 over 1909. The titles reprinted in correction of errors were 38, and for other alterations 863. Cards for 6,032 new titles and 1,089 reprinted titles were received from the printer, electrotypes for 1,541 new titles, and 457 reprinted titles from the electrotypers. The total number of separate titles prepared for print to date is 77,180; of sets of cards received, 76,619; of electrotypes, 40,046.

The number of orders sent to the Library of Congress on triplicate order sheets was 8,211, and reports were received on 7,533, leaving 678 outstanding. There were cards for 2,576 titles on hand January 1, 1910; 5,550 were received during the year, and 4 were taken from the file of those previously with-

drawn; cards for 5,322 were used, and for 702 withdrawn from the file, leaving those for 2,106 on hand December 31. Of those withdrawn 596 titles were returned to the Library of Congress and 16 were replaced by reprinted cards. Of the 5,550 titles received, 668 were analytical titles from 278 serial publications. Of the 2,106 titles on hand, 448 are for book orders before 1910, 626 those of 1910, 171 regular standing orders and 861 for two special analytical orders.

The work of the Library in the co-operative analysis of serials has been continued. It has supplied 503 titles and has received cards for 2,693. Of the titles received, 643 have been filed in the public card catalogues; one copy of 1,031 filed in the official catalogue; and 608 have been sold.

There have been added 28,186 cards to the classed catalogue, which now contains some 116,400 titles on 300,560 cards, an average of 2.58 cards per title; 19,989 cards have been filed in the author catalogue, which now contains the same 116,400 titles on 206,300 cards, an average of 1.77 cards per title; 1,199 guides and 4,935 cards have been added to the subject index, which now contains 21,100 guides and 40,100 cards covering 92,600 titles, an average of 0.43 cards per title.

The distribution of the cards in the classed catalogue, by departments, is shown in the following table:

DEPARTMENT		CARDS
	1910	TOTAL
General Works	9,101	101,703
Social Sciences	7,593	73,695
Physical Sciences	1,605	23,256
Natural Sciences	2,519	36,802
Medical Sciences	3,495	17,139
Applied Sciences	3,873	47,965
Total	28,186	300,560

Of the 116,400 titles in the public catalogues about 75,500 are on cards printed by the Library, about 31,400 on Library of Congress cards, and about 9,100 on A. L. A. co-operative cards.

There have been added 9,360 cards to the index of government publications, making a total of 38,876 in this index. The index of analytical cards issued by the U. S. Bureau of Education has received 1,703 cards, and now contains 6,867 cards.

Work has been continued on the Senn Collection, the Gerritsen purchase, and the regular shelves of the Department of Medical Sciences. The last named contain no uncatalogued material except on the 376 shelves still arranged according to the Newberry Library classification. The uncatalogued portion of the Gerritsen purchase has been reduced to 280 shelves. The total number of shelves of arrears of all kinds is about 1,200.

Meetings. The Library was represented officially by the Librarian at the annual meeting of the Illinois State Academy of Science, at Urbana, February 18th and 19th; officially by the Librarian and Cataloguer, and unofficially by seven other members of the staff at the annual meeting of the American Library Association, at Mackinac Island, June 30th to July 6th; officially by the Librarian at the annual meetings of the National Association of State Libraries and of the Special Libraries Association at the same place and time; officially by the Librarian and unofficially by a senior assistant at the Congrès international de bibliographie et de documentation, and the Congrès international des archivistes et des bibliothécaires, at Brussels, August 25th to 31st; unofficially by the Librarian at the annual meeting of the Library Association (of the United Kingdom) at Exeter, September 5th to 9th; and officially by the Assistant Librarian at the annual meeting of the Illinois State Library Association at Rock Island, October 11th to 13th. The Library was also represented officially by the Librarian at the laying of the corner-stone of the Harper Memorial Library of the University of Chicago, June 14th.

Staff. The changes in the staff have been unusually numerous and injurious to the service. This could not but be the case when in a total of fifty-three there were twelve resignations, six dismissals and five long absences. It is a source of additional regret that so many dismissals were found necessary. They are almost as many as in the whole previous history of the Library.

The following have resigned: Miss Selma Nachman, senior assistant; Misses Edith Ashmore, Grace McMahon, Mabel Ray, Anna D. White, Eveline C. Lyon, junior assistants; Miss Cariola Barker and Messrs. Clarence J. Griggs, J. R. Harry and E. F. Hess, attendants; Roy Jacobson and Ferdinand Bauer, pages. One junior assistant, four attendants and a page have been dis-

missed. To several who have left, the thanks of the Library are due for faithful and efficient service, and this is notably true of Miss Nachman.

The following appointments have been made: Mr. Edward D. Tweedell as Reference Librarian; Mr. Robert J. Usher as Assistant Reference Librarian; Misses Edna L. Goss, Alpha L. Owens and Elsa Neiglick as senior assistants; Misses Edith Ashmore, Louise Madsen, Mabel Ray, Clara B. Touzalin and Mr. Jacob L. Fox as junior assistants; Miss Hattie Fisch as temporary junior assistant; Miss Cariola Barker and Messrs. Erick Ryander, F. D. Hedges, J. R. Harry, E. F. Hess and Julius Clemens as attendants; Thomas White, Geo. J. Krueger, August Huntscha, Hans Kleinert and Fred Stuehler as pages.

The following have given temporary service: Misses Mary Elliott, Belle B. Gormley and Julia A. Baker and Messrs. Oscar Norman, Marcus Skarstedt and John C. DeWolfe as junior assistants; Misses Marion Goodman, Huldah C. Thygesen, Elsebeth Martens, Margery C. Cooper and Dorothy S. Clark and Messrs. A. F. Gronberg, W. E. Boyd, R. C. Eaton and M. A. Brown, as attendants.

To both the old and the new members, who have worked hard to lessen the bad effects of the changes noted above, the thanks of the Library are due.

Respectfully submitted,
CLEMENT W. ANDREWS,

CHICAGO, January 19, 1911.

Librarian.

LIBRARY STATISTICS: I

RECORD OF ATTENDANCE AND USE FOR 1910

	JAN.	FEB.	Максн	Максн Аркіц	Mav	MAY JUNE JULY AUGUST SEPT.	Jury	August	SEPT.	OCT.	Nov.	DEC.	Total Total 1910 1909	Тотац	IN- CREASE PER CT.
Visitors Daily Average	12,139 467	12,343	12,880	10,480	10,698	9.992	9,196	10,416	11,428	12,267	13,441	13,073	12,139 12,343 12,880 10,480 10,698 9,992 9,196 10,416 11,428 12,267 13,441 13,073 138,353 134,579 13,47 403 411 384 354 386 440 472 517 484 442 430	134,579	6
Calls for Books from Stack	11,575 445 1,977 76	10,750 448 1,359 57	11,799 437 2,009 74	10,042 386 1,850 71	9,309 358 1,675 64	7,749 298 1,503	8,087 311 1,469 57	8,827 327 1,440 53	9,865 379 1,618 62	11,129 428 1,675 64	13,176 507 1,701 65	12,511 463 1,714 63	124,819 399 19,990 64	107,006 343 20,261 65	16 *1
Visitors Admitted to Stack	282	270	245	151	282 270 245 151 164 135 173 158 188 211	135	173	158	188	211	239	239 214	2,430	2,437	ł
Smallest attendance, 140 on Nov. 24th. Largest attendance, 863 on Mar. 12th.	Nov. 24	th. La	rgest a	ttendar	ice, 863	on Ma	r. 12th.							*De	Decrease

COMPARISON BY YEARS

	1897 9 MOS.	1898	1899	1900	1061	7061	1903	1904	1905	1906	1907	9 MOS. 1898 1899 1900 1901 1901 1903 1904 1905 1906 1907 1908 1909	1909	1910
Visitors	18,584 80	30,516	34,827	41,697	54,828	66,512	76,429	87,494	92,244	101,839	109,677	130,049	134,579	18,584 30,516 34,827 41,697 54,828 66,512 76,429 87,494 92,244 101,839 109,677 130,049 134,579 138,353 80 99 113 134 175 213 244 279 296 321 351 414 430 442
Stack	6,995	15,367 50	068'81 19	23,996	32,193 103	39,606	50,264	59,561 190	67,386 216	113.565	104,435	108,662 346	107,006	124,819 399
Calls for Periodicals from Alcove Daily Average	3,864	7,213	8,013	8,667	9,741	12,250	13,264	15,178 48	15,472	14,722	17,449	20,980	20,261	19,990
Visitors Admitted to Stack	359	. 656	1,017	1,019	1,046	1,167	1,193	309,1	1,681	1,690	1,944	2,671	2,437	2,430
Volumes in Library	29,141	43,061	55,223	65,645	76,432	89,219	103,291	123,018	142,971	197,440	215,144	29,141 43,061 55,223 65,645 76,432 89,219 103,291 123,018 142,971 197,440 215,144 232,403 251,281 268,153	251,281	268,153

						ACCE	ACCESSIONS				٠٠		
Subjects		ORI	ORDERS		Vol	VOLUMES	PAMPHLETS	HLETS	หลา	FEKIODICALS	KEC	KECORDED (HSO.
	Ī	0161	To	Total	0161	Total	1910	Total		1910		0161	
	Vol.	Est. Cost*	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost	Books	Period-	Stack
UNCLASSIFIED	4,650	\$ 1,039	54,813	\$57,365	30	15,758	1	38,100	1	1	919	1 1 1	;
I.—General Works:	,			,			,	,					
o Miscellaneous	2	216	2,079	600'9	17	1,092	299	4,589	^		3,170	205	8
I Bibliography	253	999	4,037	10,390	388	5,568	506	986	134	448 05	866	149	7
2 Library Economy	62	109	1,034	1,595	182	2,174	120	692	29	46 40	395	911	;
3 Cyclopedias	81	275	1,286	2,525	64	1,345	ī	∞	—	o IIo	242	8	4
4 Collected Works of Authors -	ខ	17	330	986	13	341	ī	3	1	1	274		н
5 General Periodicals	34	64	3,03I	3,645	188	5,027	154	295	104		3,411	4,150	6
6 General Societies	122	269	4,258	12,747	230	5,355	7	54	115		1,860	44	7
7 Exhibitions and Museums	6	162	1,394	1,477	56	1,407	II	321	23	25 60	400	12	7
ro Philosophy	191	214	1,554	2,291	136	1,693	7	28	17		448	25	61
13, 15 Psychology	IOI	115	1,670	2,293	158	2,007	25	114	40	127 59	4,526	176	70
40 Philology	20	2	929	1,845	29	998	7	42	1	1	306	-	н
90 History and Geography.	240	523	5,440	11,297	355	6,635	284	1,152	∞	5 71	4,210	:	7
91 Cartography	53	160	1,531	3,265	84	2,110	81	63	33	92 65	910	233	91
	1,345	\$2,860	29,173	\$60,339	1,941	35,620	1,504	8,341	549	\$1,377 21	20,850	5,229	157
II.—Social Sciences:													
17 Ethics	120	\$ 84	1,00,1	\$	611	1098	63	359	7		1,331	23	17
20 Religion	52	73	533	773	2	687	30.	435			750	, ,	. ;
30 General Works	189	333	3,521	3,948	237	3,088	41	252	,12		2,864	222	14
31 Statistics	81	242	2,347	3,066	212	2,619	2	37	37		503	91	7
32 Political Science	236	231	2,365	2,941	401	3,456	114	999	13		1,816	59	·
33 Political Economy	898	871	9,650	9,445	1,121	11,480	384	3,565	176	297 94	7,471	1,341	25
34 Law	172	361	1,589	3,206	173	2,163	39	319	12		831	6	ı
(מוות	7	623	1 181	8 27.4	1 27.4	78 626	910	1 272	ý		, 80	010	6,4
36 Associations and Institutions	284	307	2,675	2,5/4	4/2/1	764	2000	1,2/3	3 5	80 24	1 825	617	<u>-</u>
, 1	65.7	ל ל	6,575	1,304	20,4	× × × × × × × × × × × × × × × × × × ×	200	280,0	122		2,0	2,00	, 9
38 Commerce and Communica-	<u>.</u>	5	2+0,0	19616	2	+ /06	£04	3,40	£33		4,000	3	3
- 1	230	214	2,176	2,849	338	010,4	268	550	85	74 63	1,212	426	104
39 Customs, Folklore, etc	115	141	1,149	1,518	105	1,321	78	197	18	15 60	1,500	29	-
	3,625	\$ 3,981	38,662	\$45,091	5,355	62,186	2,842	12,830	619	\$1,055 26	26,660	2,738	281
4 17 - 4 - 11 - 1 - 11 - 1			,										

* To nearest dollar.

						77777	CCESSIONS		Den	0.1010	C	Droonna Ilan	Tear
SUBJECTS		ORI	ORDERS		Vol	VOLUMES	PAMPHLETS	ILETS	LEK	r ekiudicals	N.	OKDED	OSE
	Ī	0161	To	Total	0161	Total	1910	Total		0161		1910	
III.—Physical Sciences:	Vol.	Est.Cost	Vol.	Est.Cost	No.	No.	No.	No.	No.	Cost	Books	Period-	Stack
30	16	\$ 204	4,037	\$ 6,735	122	3,790	. 37	88	39	84 16 \$	162	35	ĸ
51 Mathematics	143	321	3,121	6,813	120	3,456	II	29	40				79
52 Astronomy	244	127	3,360	7,361	271	3,658	96	205	40		_		'n
	357	579	5,394	6,607	385	6,383	96	619	65		5,977		54
54 Chemistry and Mineralogy	211	373	5,484	899'6	257	2,567	135	381	48			961	134
	1,046	\$ 1,904	21,396	\$40,184	1,155	22,854	375	1,352	232	\$ 898 77	13,900	1,170	277
IVNATURAL SCIENCES:						(C
55 Geology	522	\$ 694	4,927	\$ 9,095	374	5,498	198	402	95	\$ 344 2I	2,330	29	38
56 Palicontology		177	040	2,997	50	045	11	47	0			-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
57 blology and Matural Sciences				(d
in General	320	813	7,530	24,378	425	7,933	92	317	Z9I	508 02	1,989		, 23
58 Botany	219		4,700	14,857	255	4,825	22	200,	60			4	72
59 Zoölogy	289		7,610	32,321	333	7,610	169	765	125	- 1	_		129
	1,381	\$ 3,262	25,407	\$83,648	1,407	26,511	492	1,821	482	\$2,218 00	8,358	193	277
V.—Medical Sciences	1,837	\$ 3,192	126'59	\$89,123	3,370	54,120	3,459	13,241	299	\$1,947 17	12,922	1	477
VI.—APPLIED SCIENCES:													
60, 70 General Works	IOI	\$ 164	4,346	\$ 9,145	258	6,182	28	230	83	\$ 231 5c	098,1	1,918	204
62 Engineering	604	886	11,480	20,040	984	14,627	170	1,475		519 57	_		419
63 Agriculture	470	296	6,362	6,737	701	8,159	150	1,106					32
64 Domestic Economy	82	98	1,312	1,203	112	1,453	34	136					77
65 Trade and Transportation	253	404	4,593	7,598	461	2,999	153	792					δ _α
	339	218	3,716	7,559	320	4,446	55	436					120
67, 68 Manufactures and Trades.	139	215	2,252	3,809	245	3,017	39	328					δÍ
	85	120	1,564	2,796	114	1,857	21	236	26	58 6	_		91
71 Landscape Gardening	55	53	625	266	285	735	33	275			_	_	1
	170	356	1,017	3,163	183	1,531	21	89					6
73-76 Drawing, Design, etc	16	303	1,437	4,597	86	1,555	9I V	81	6	33 30			56
77 Photography	63	62	1,162	699		1,543	26	105	ļ	. 1		'	3
	2,452				3,614	51,104	746	5,268	169	\$1,662	8 41,513		
Total	10,330	20,103	275,290	444,063	10,872	208,153	- 1	80,953	3,240"	9,158 49		19,990	2,430

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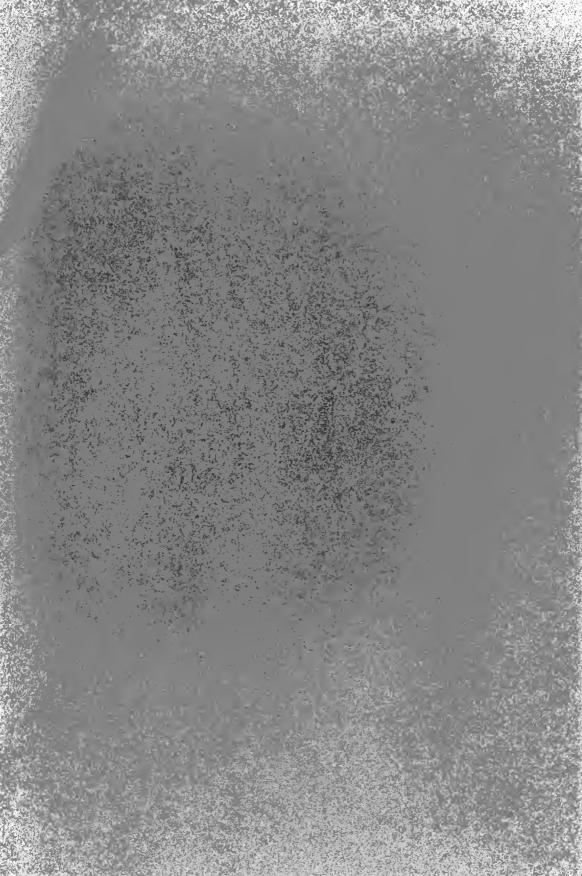
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REPORT OF THE PRESIDENT

TO THE GOVERNOR OF ILLINOIS:

In accordance with the provisions of an act entitled "An Act to encourage and promote the establishment of free public libraries in cities, villages, and towns in this state," approved June 17, 1891, under which this corporation is organized, the Directors of The John Crerar Library submit their seventeenth annual report, for the year 1911.

As a result of the municipal election in April, the ex-officio membership of the Board of Directors has been changed, and the Board is now composed of the following persons: E. W. Blatchford, Robert T. Lincoln, Henry W. Bishop, John M. Clark, Frank S. Johnson, Peter Stenger Grosscup, Marvin Hughitt, Thomas D. Jones, John J. Mitchell, Leonard A. Busby, Robert Forsyth, Chauncey Keep and Frederick H. Rawson, together with Carter H. Harrison, Mayor of Chicago, and John E. Traeger, Comptroller, ex-officio members.

The officers of the Library are as follows: President, Peter Stenger Grosscup; First Vice-President, Thomas D. Jones; Second Vice-President, Robert Forsyth; Secretary, Leonard A. Busby; Treasurer, William J. Louderback; Librarian, Clement W. Andrews.

The Supreme Court of Illinois having denied the petition for a rehearing in the cases involving the right of the Library to build on Grant Park, the Directors appointed a special committee to consider and report on the question of the permanent location of the Library. This Committee has held several meetings and has considered many plans, but as yet has submitted no final report.

The year has seen the usual growth of the Library and also the steady increase in the use made of it by the public. It now contains 286,829 volumes, 3,059 maps and plates, and some 88,600 pamphlets. It receives currently 3,426 periodicals and 9,587 other serial publications. The total use was more than

477,000 books and periodicals, and the recorded attendance was 143,858. For further details reference is made to the appended report of the Librarian.

The report of the Treasurer, also appended, presents the statement of the income and expenditure for the year 1911, together with a statement of the assets and investments, as required by law.

Respectfully submitted,
PETER S. GROSSCUP,
President.

CHICAGO, January 18, 1912.

REPORT OF THE TREASURER

STATEMENT OF FINANCES FOR YEAR 1911

CASH

Cash on hand January 1, 1911: In bank \$ 46,664.93	
Librarian, petty cash 161.85	\$ 46,826.78
RECEIPTS	
Collections account income \$208,665.51	
Huntington W. Jackson Fund, income 40.00	
Bills Collectable 1,972.40 Investments:	
Bonds 301,500.00	
Farm Mortage Loans - 2,000.00	514,177.91
	\$561,004.69
DISBURSEMENTS	
Audited Vouchers \$157,390.17	
Investments:	
Bonds 192,500.00	
Farm Mortgage Loans 101,877.62	
Certificate of Deposit 100,000.00	\$551,767.79
Cash on hand December 31, 1911:	
In bank \$ 9,105.05	
Librarian, petty cash 131.85	\$ 9,236.90

OPERATION

INCOME - \$ 219,349.42 Huntington W. Jackson Fund, income 40.00	
	\$ 219,389.42
EXPENSE	\$ 219,309.42
Administration:	
Rent, Light, etc \$34,854.88	
Salaries, Wages 55,628.79	
Supplies 2,603.38	
Salaries, Wages - 55,628.79 Supplies - 2,603.38 Printing - 5,874.68	
Transportation, Postage 1,854.69	
Sundries 7,960.74 \$ 108,777.16	
Books:	
Books \$23,552,12	
Periodicals 0.778.60	
Periodicals 9,778.69 Binding 10,945.00	
Lettering, Repairs - 1,512.36 45,788.17	
Buildings and Grounds:	
Repairs \$ 596.31	
Depreciation 2,916.85 3,513.16	\$ 158,078.49
Surplus for year 1911	\$ 61,310.93
A GG DVDG	
ASSETS	
Bonds \$2,976,217.28	
Stocks 695,317.92	
Mortgage Loans 475,000.00	
Farm Mortgage Loans 201,055.00	
Certificate of Deposit 100,000.00	
Furniture and Fixtures - 26,251.66	
Book Investment 452,623.80	
Accounts Receivable 11,997.62	
Bills Collectable 1,287.39	
Medical Library Purchase Suspense - 28,000.00 Cash 9,236.90	
	4 (0
Total	\$4,976,987.57
LIABILITIES	
Endowment Fund	
Building Fund 1,006,967.56	
Book Fund 452,623.80	
Building Fund 1,006,967.56 Book Fund 452,623.80 Security Reserve Fund 13,714.94 Huntington W. Jackson Fund - 1,000.00	
Huntington W. Jackson Fund - 1,000.00	
Book Purchase Reserve 2,681.27	
Total	\$4,976,987.57
1000	24,970,907.57

In accordance with the instructions of the Board of Directors, the Building Fund has been increased by the amount of the surplus for the year, \$61,310.93, less the balance of \$2,251.83, from appropriation for books, etc., carried to Book Purchase Reserve and less the sixth annual charge of \$7,000.00 against the Medical Library Purchase Suspense Account, making a total to the credit of the Building Fund of \$1,006,967.56.

The Book Fund has been increased by the amount of the investment during the year, less depreciation, and now stands at \$452,623.80.

The income of the Huntington W. Jackson Fund has been expended for books.

Insurance is in force covering the property of the Library in amounts as follows:

Books -	-	-	-	-	-		- I	\$	364,500.00
Portraits,	Furnitu	re,	Fixtu	ıres,	and	Dec	cora	-	
tions	-	-	-	-			-		28,000.00
Type and	Cases		-	-	-	-		-	4,500.00
								\$	397,000.00

WM. J. LOUDERBACK,

Treasurer.

CHICAGO, January 18, 1912.

To the Board of Directors of The John Crerar Library.

Dear Sirs:—We have audited the books and accounts of The John Crerar Library for the year ending December 31, 1911; have examined and priced all securities, which we find to have an aggregate market value largely exceeding the book values, and have verified the cash on hand and in banks.

We accordingly certify that, in our opinion, the attached statements truly exhibit the cash receipts and disbursements and the operating income for the said year, and the assets and liabilities at its close.

THE AUDIT COMPANY OF NEW YORK,

G. H. McVicker,

CHICAGO, January 29, 1912.

Western Manager.

REPORT OF THE LIBRARIAN

TO THE BOARD OF DIRECTORS OF THE JOHN CRERAR LIBRARY.

Gentlemen:—There have been few features of special interest in the working of the Library during the past year. Nevertheless, the amount of the work done for the public has increased noticeably and the collections of the Library have been materially improved.

Rooms. A bronze tablet in memory of the late Huntington Wolcott Jackson has been presented to the Library and formally accepted by the Board. It was unveiled at the quarterly meeting in June, and personal invitations to view it were sent by the Library to a number of Colonel Jackson's friends. It has been placed on the wall at the left of the entrance to the rooms of the Library, and a suitable place is to be provided for it in the permanent building.

The indirect system of lighting has been extended over the official catalogue and the offices. Longer experience confirms the opinion that under suitable conditions the system is the best for prolonged use of artificial light, but that it is not always so recognized by persons accustomed to more concentrated illumination. For this reason it has been supplemented to some extent by table lights in the reading rooms.

The present stacks are calculated to hold 320,000 volumes and now contain nearly 300,000, including the pamphlets and unentered material. The margin is too small for the comfortable distribution of new books, and some provision for additional storage should be made very soon. The provision for readers is more ample and will probably be sufficient, except at the most crowded times, as long as the present lease runs.

Department of Medical Sciences. When the medical collection of The Newberry Library was acquired in 1906, it was recognized that much work would have to be done in rounding it out and that this would require the services of some one well acquainted with medical literature. This task has been ably and

satisfactorily accomplished by General Girard, and at the same time he has represented the Library in a dignified and appropriate manner before the medical profession of the city, and has secured for it the active friendship of many physicians. It is with great regret, therefore, that the Library loses his services as Medical Reference Librarian, because of his removal from Chicago.

Some progress has been made in recataloguing the material still under the Newberry classification, which has been reduced from 376 shelves to 350; in cataloguing the Senn Collection, the uncatalogued portion of which has been reduced from 271 shelves to 234; while the unaccessioned portion of the Geibel purchase has been reduced from 18 shelves to 13 and the Martin purchase has been wholly accessioned. These gains, however, are more than balanced by the Gradle gift, which is as yet unopened.

Special Collections. Two new special collections have been established: the Chanute Collection on Aviation and the Henry Gradle Memorial on the Eye and Ear.

The Chanute Collection consists of the technical portion of the library of the late Octave Chanute, presented by his family. As received, it consisted of nearly one thousand volumes and more than that number of pamphlets. By agreement with the donors the scope is to be limited to aviation, and the Library will add to the three hundred volumes bearing directly on this subject other volumes in value fully equivalent to those shelved elsewhere or disposed of as duplicates.

The Henry Gradle Memorial has been established by the widow and son, with an endowment of \$2,000. The nucleus is the private library of Dr. Gradle, some four thousand volumes, but to these will be added the books on the subject already in the Library and the collection will be kept up to date by the income from the fund.

From the proceeds of its special fund fourteen volumes have been added to the Huntington W. Jackson Collection on Constitutional Law, which now contains 579 titles, of which 63 have been purchased from the fund.

The Senn Collection is still in process of adjustment. The progress in cataloguing it has been mentioned, but the transfer

to it of the material on surgery must be postponed until more shelf room is available.

The Laufer purchase of Orientalia, while not forming a special collection in the same sense as the preceding, may for convenience be mentioned here. The boxes have been unpacked and the contents arranged on shelves in a room very kindly placed at our service by The Newberry Library. Dr. Laufer states that the books have been of great assistance to him in his work at the Field Museum, and though its availability is not generally known, it has been consulted by one other scholar. It is hoped that plans for cataloguing it can be laid before the Directors at some time in the coming year.

Routine. No important changes in routine have been made except that in ordering, mentioned later, and the adoption for the subject index of the synonyms and forms used by the Library of Congress and the consultation of that Library whenever a new subject not in their list is under consideration. It is felt that uniformity among libraries on this point is worth the sacrifice of individual preferences, however well founded. A liberal use of general cross-references will prevent any serious inconvenience to readers.

Attendance. The total number of visitors recorded during the year was 143,858 and the daily average was 462, an increase of four per cent over the figures of 1910, which were 138,353 and 442 respectively. The increase is larger than that of the previous year, is more than one-half of the average increase since the opening of the Library, and is more than could have been expected. Possibly some part of it is due to the publication and general distribution of the sketch of the Library in "Educational Opportunities in Chicago."

The evening attendance, 88, was one less than in 1909 and 1910. The average attendance on the five general holidays fell from 319 to 173, a considerable part of the loss being due to an unusually small attendance on July 4th. The smallest attendance of the year was 88, on that date, and the largest was 863, on January 21st. The figures for 1910 were 140 and 863 respectively. No statistics were kept of the attendance in the Senn Room, but it is thought to have increased in about the same ratio as the total attendance.

Use. The recorded number of calls for periodicals from the alcove is about the same as in 1910, being 19,707 as against 19,990. The decrease is significant only as indicating that periodical readers find it increasingly difficult to obtain seats at the tables.

On the other hand, as was said last year, the notable increase in the recorded number of calls for books from the stacks from 124,819 to 139,386, can mean only a gratifying increase in the more serious use of the Library. Using the same factor as in previous years the total use of the Library in 1911 may be estimated at 477,000 books and periodicals.

A detailed classification of the call slips for books and periodicals and of admissions to the stack is given in the second table of library statistics. The following table gives a comparison of the totals and percentages for each department with the corresponding figures for 1910:

	RECOR	DED USE		ADMIS	SIONS	TO TH	E STACK	
	1911	10	10	rcent- Percent- Percer				
·	Percen		Percent	·P			Percent-	
Total	age	Total	age	Total	age	Total	age	
Unclassified 640		61 6						
General Works29,762	19	26,079	18	91	4	157	7	
Social Sciences31,982	2 20	29,398	20	408	17	281	12	
Physical Sciences 15,689		15,070	11	256	10	277	11	
Natural Sciences 9,762		8,551	6	210	9	277	11	
Medical Sciences14,838		12,922	9	647	26	477	20	
Applied Sciences56,41	ı 36	52,173	36	848	34	961	39	

As will be seen, every department shows a substantial increase, and in almost exactly the same proportion. This is not quite true of the calls for particular subjects; landscape gardening shows a decrease of two-fifths and twelve other subjects show slight decreases; while philology shows an increase of two-thirds, and cyclopedias, religion, and biology, increases of one-half. It should be noted, however, that on all these subjects, except biology, the Library has few books and comparatively few readers, so that their use naturally varies more widely. There have been changes also in the six leading subjects and their relative positions. Medicine replaces engineering in the first place, history and geography replace chemical technology in the sixth, making the order for 1911: medicine, engineering, political economy, trade and transportation, physics, history and geography.

While the proportion of calls to visitors does not vary greatly, as a rule, yet it does vary enough to made the maxima

fall on very different days. The largest attendance was 863 on January 21st, when 823 calls were presented, while the largest number of calls was 964 on November 18th, when the attendance was 782. While the smallest attendance, 88, and the smallest number of calls, 138, both fell on July 4th, yet it will be seen that the proportion of the latter was very much larger than the average for the year.

The admissions to the stack were 2,460, an increase of 30. Of the admissions recorded, 1,638 were by registration and 822 on presentation of 26 passes. Three additional passes have been granted, making 96 nominally in force.

The loans for use outside the Library were one-half more than in 1910. There were granted 184 requests from 43 libraries and 297 requests from 122 individuals. Seven requests from libraries were refused. In 1910 the loans were 332 and the refusals ten. In seven cases the books loaned were asked for while out. It may be well to note that nearly all the loans to individuals are for very short periods, chiefly over night or over Sunday.

The calls for assistance by telephone were 610, and the requests for information by letter were 204. The figures for 1910 were 480 and 144, respectively.

The time required to fill calls has been determined in the same way as for the previous year. The average time was 3.65 minutes, as against 3.73. A decrease in the face of the increasing congestion of the stacks and of the consequent irregularities in the shelving is very creditable to the attendants.

The record of the causes of failures to supply books called for, which should have been supplied, is as follows: at bindery, 320; otherwise unavailable temporarily, mostly stolen and not yet replaced, 48; in use by another reader, 764; withdrawn from general circulation, 60; not found on shelves, 260; errors of library assistants or records, 64; total, 1,516. The total is 1.09 per cent of the total call slips presented, while in 1910 the percentage was 1.52. Excluding the first four causes as unavoidable, the avoidable failures were 324, or 0.23 per cent, the same as in 1910.

Publications. In April the Library issued its *Sixteenth Annual Report*, a pamphlet of 66 pages. An edition of 5,500 copies was printed and distributed.

In May the Library issued a List of Books on the History of Science. Its preparation was begun in 1902, but the publication has been delayed in order that it might be as comprehensive as possible, for it was found that many of the works in this field were out of print and difficult to obtain. Indeed, so many which were ordered long ago have been received since printing the list, that the publication of a supplement in the near future is under consideration.

The material is for the most part arranged according to the system of the public card catalogue, but it is widely scattered there. It is hoped, therefore, that the list by bringing it together, and because there are very few bibliographies on the subject, will prove of interest to others than specialists. The work contains over 1800 titles and forms a volume of 297 pages printed in the usual style of these bibliographical publications. It was edited by the Cataloguer, Mr. A. G. S. Josephson.

The List of Books on the History of Arts and Industries should be ready for the press during the year, although here also the delay in the receipt of books ordered long ago is a temptation to postpone. Work has been begun on a new edition of the List of Bibliographies of Special Subjects, and will be carried on together with the final revision of the historical material. It is proposed to issue this edition in parts, one for each department of the Library.

In February 280 additional copies of the *Handbook* were printed.

The number of the various publications remaining in stock has been redetermined and the results are given in the following table, which shows their distribution during the year:

		DISTRIBUTION						
		O	n hand	Exchange	:	On hand		
TITLE	Date	Edition	Jan. 1	or Gift	Sale	Dec. 31		
Periodicals Received Bibliographies of Special	1902	1,000	178	12	3	163		
Subjects	1902	966	39	2		37		
Industrial Arts	1904	980	39 81	14	4	37 63		
Cyclopedias and Directories	1904	700	14	11	3			
Bibliography Union Lists	1906	317	184	15	3	166		
Books Exhibited	1907	2,000	988	12	2	974		
Books in Reading Room	1909	956	299	21	10	268		
Current Medical Periodicals	1910	1,000	114	15	12	87		
Handbook, 1910	1910	1,280	330	67		263		
History of Science	1911	1,000		615	21	364		

The Library has also taken part in the publication in June, by the Council for Library and Museum Extension, of a pam phlet of 80 pages, entitled *Educational Opportunities in Chicago*. The four pages assigned to the Library were used for an abstract of its Handbook, giving very briefly its history, plan, scope, and resources.

Also through the Council, the Library co-operated with The Newberry Library and the Chicago Public Library in the preparation of a *Check List of Books and Pamphlets on Municipal Government Found in the Free Public Libraries of Chicago*. This was published by the Chicago Public Library and issued in September in connection with the International Congress and Exposition on Municipal Government. It is a pamphlet of 44 pages, containing about 800 titles, and is limited to works dealing with the general subject and its application to Chicago in particular.

Printed Cards. The distribution of one copy of each catalogue card to the Armour Institute of Technology, Chicago Public Library, Field Museum of Natural History, Library of Congress, Northwestern University, University of Chicago, and the University of Illinois has been continued; also the sending of one copy of each card printed by the Library to Harvard University, New York State Library, Princeton University, University of Michigan, and Yale University. To the second list there have been added during the year the Cincinnati Public Library, the St. Louis Public Library, and the University of California. Several new partial orders have been filled, the more important being from the Aero Club of Illinois, the Department of Landscape Gardening at Harvard, and the Seattle Public Two partial orders have been canceled. instalments sent the New York State Library were destroyed in the fire which wrecked their rooms, and were replaced, the Directors having voted a special appropriation for the purpose. Even with this assistance it was not possible to print all the cards required to fill all the orders for complete sets. 12,000 titles will have to be reprinted in order to do this, and it is hoped that provision will be made for the purpose. standing this incompleteness, the total distribution was by far the largest ever made, amounting to 467,286 cards, of which

74,820 were sent to the depository libraries, 2,097 sent as gifts, and 390,369 sold or sent in exchange.

From the Library of Congress there have been received 47,870 cards, making a total of 480,928; and to these have been added 558 from Harvard University, making a total of 481,486 in the union catalogue.

The very recent offer of the Royal Library of Berlin to furnish printed cards has introduced a new factor into the problem. Not only is the question of subscription to all their cards for the union catalogue under consideration, but it may prove possible to obtain from them cards for all current German works, most of which are not obtainable from the Library of Congress. In that case the character of the work done at the Library may be altered so materially as to make our printed cards of less use to other institutions.

Selection and Ordering. The selection of new works is fairly up to date and substantial progress has been made in the revision of the older titles. In the ordering some gain has been made, but the large gifts, the purchases en bloc, and a long absence of one of the assistants have made this gain smaller than was expected. A reversion to an earlier method of ordering by subjects gave very good results in eliminating much unnecessary work, but very bad results in delaying the receipt of books which were in frequent demand. It is proposed to try a compromise system by which these books will be ordered in each subject at least four times a year and the others as fast as this work will allow. A very successful experiment in co-operative buying will be described when considering the purchases.

During the year 8,483 orders were given. Of these 700 failed or were canceled, leaving 7,783 valid orders, covering 14,832 volumes at an estimated cost of \$21,513. Of outstanding orders, 7,820 were filled, covering 14,401 volumes at a cost of \$23,552. There are left outstanding 2,314 orders, at an estimated cost of \$3,253; of these 755 were given before January 1, 1911. The distribution of the orders of the year, of the total to the end of 1911, and the estimated cost, to the nearest dollar, are given in the second table of library statistics.

Accessions. The total accessions of volumes for 1911 have been 19,477, of which 5,076 have been received as gifts and

14,401 obtained by purchase. Volumes made by binding serials are included in these figures. There have been withdrawn 801 volumes, leaving the net accessions for the year 18,676, which, with the 268,153 reported for 1910, make a total now on the books of 286,829. There remain to be entered the Laufer purchase, considerable portions of the Gerritsen, Geibel, and Ehrenburg purchases, and the Gradle gift.

The accessions of maps and plates for 1911 were 278, and the total entries are 3,059.

Except those in the Ehrenburg library, there have been few pamphlets obtained by purchase, but the number received as gifts was 13,858, many more than the average, though many less than in 1910. Author slips for 2,980 titles were filed in the official catalogue and the classified collection has been increased by 9,724 pamphlets. The last number includes the preceding, but these two have no necessary connection with the Many of the pamphlets received are duplicates and many more are continuations or for various reasons are put elsewhere than in the pamphlet collection. On the other hand, many pamphlets already in the Library have been classified and entered in the official catalogue. Of the 9,724 net accessions to the classified collection, 856 were from the Senn Collection, and some 400 from other accumulations, leaving some 8,500 as the new accessions of the year. The total in the Library is approximately 88,600. Their classification is shown in the second table of library statistics.

The following table shows the distribution of the net accessions for 1911 and of the totals entered, by departments, together with the percentages of the bound volumes:

		1910	Pamphlets		TOTAL	
DEPARTMENT	Volumes	Per cent.	Pamphlets	Volumes	Per cent.	Pamphlets
Unclassified	105			15,863		36,800
General Works	2,495	14	1,166	38,115	14	9,507
Social Sciences		36	2,809	68,954	25	14,839
Physical Sciences	992	5	400	23,846	9	1,752
Natural Sciences		8	464	28,059	IO	2,285
Medical Sciences	2,400	13	3,489	56,520	21	16,730
Applied Sciences	4,368	24	1,396	55,472	21	6,664
Total	18,676		9,724	286,829		88,577

The disproportionately large percentage of accessions in the Social Sciences is due solely to the purchase of a large collection of British Parliamentary Papers; the disproportionately

small percentage in the Physical Sciences mainly to the change in the method of ordering.

The periodicals currently received are 3,426, of which 800 are received as gifts and 2,626 by subscription, at an estimated yearly cost of \$9,266.35. Their classification is shown in the second table of library statistics.

The assistant in charge of the Continuation Record reports 1,734 titles added to the list and 282 withdrawn, leaving 9,587 at the end of the year. About 3,689 are obtained by subscription, at a cost in 1911 of \$4,964.81. These furnished 1,366 volumes entered on the record of accessions. The other continuations were received as gifts or in exchange, and furnished 1,453 volumes. For the gifts 1,158 first and 274 second requests were sent and 14 reported to the Librarian for personal letters. For the purchases 287 first and 7 second notifications were sent and 4 reported to the Librarian.

The purchases of the year were greatly affected in character by the experiment already mentioned. Four libraries, Havard University, Northwestern University, The University of Chicago, and The John Crerar, sent a joint representative to Europe. They were fortunate in securing, through the courtesy of Northwestern University, the services of its Librarian, Dr. Walter Lichtenstein, who had very special qualifications for the task. Dr. Lichtenstein brought together for Harvard its Hohenzollern Collection, and in so doing obtained an exceptional familiarity with the European book trade.

Each institution was free to give its commission in the way that seemed to best suit its needs, and in fact no two commissions were in the same terms or covered the same field. While it is understood that the results were satisfactory to all, it is only those affecting this Library which have any place here. A commission amounting to \$5,000 was given with instructions to purchase along four lines: first, out of print books which the Library had tried in vain to obtain from the regular dealers; second, from lists on the ethnology of Eastern Europe furnished by Professor Thomas of the University of Chicago; third, to complete or fill gaps in the sets of serials; fourth, public documents. Important and valuable purchases were made along all these lines: over 100 titles of the first; nearly 100 of the second;

more than 50 serials were completed or greatly extended; and quite a number of Italian documents secured. The purchases cover all the departments of the Library and, indeed, most of the individual subjects. The principal object of the experiment was to obtain books which could not be obtained through the regular channels of trade, but it is pleasant to be able to add that, after allowing for all expenses, the purchases were made at less cost than they could have been made through these channels.

The most important result for the Library, however, was secured by the action of our representative, relying on a general understanding rather than on specific instructions. This was the purchase of the library of the late Dr. Karl Ehrenburg, Privat-Docent in geography at the University of Würzburg. It was purchased in the name of The John Crerar Library, but really with joint interests. Harvard took a small portion on Franconia for its Hohenzollern Collection, and Northwestern the long sets already in this Library. The shipment has been received and is being examined and separated as fast as possible. Exact figures cannot be given at present, but it seems probable the Library will enter about 1,000 volumes and 250 maps and add 1,000 pamphlets. The library is especially strong in physical geography and geology, and the descriptive material has been collected largely with reference to these points. The duplication is not great, while the total cost, even before adjustment with the other libraries, is very low.

The purchase of a set of British Parliamentary Papers running, with very few gaps, from 1878 to 1900 should also be mentioned. The five years that were duplicated by the set already in the Library were sold to the University of Chicago, and the net cost of the set materially reduced. Fortunately most of the missing volumes are obtainable and have been ordered.

The purchase of some 1600 railroad reports at auction proved to be of exceptional value. About 400 were added to the files, some of them of early date and great interest. A considerable portion of the duplicates were disposed of to other libraries on priced exchange.

One purchase of an individual work, Hooker's *Icones Plantarum*, should also be mentioned.

As has been stated, more than fifty serials have been completed. It would take too much space to name them all, but among the more important are: Abhandlungen der kaiserlichköniglichen geologischen Reichsanstalt; Abhandlungen der mathematisch-physikalischen Classe der königlichen Bayerischen Akademie der Wissenschaften; Archivio italiano di anatomia; Botaniska notiser; Bulletin de la Société belge de géologie; Calcutta Journal of Natural History; Neue Denkschiften der allgemeinen schweizerischen Gesellschaft; Polytechnisches Centralblatt; Schriften der Naturforschenden Gesellschaft in Danzig.

The number of gifts, though considerably smaller than in 1910, is far above the average, and the steady increase in the number of donors indicates the widening influence of the Library. There were received 7,334 volumes and 13,858 pamphlets from 3,020 donors. The volumes entered in the accession record were 5,076. The figures for 1910 were 8,106 volumes, 25,038 pamphlets, 2,642 donors, and 3,967 entries.

Among many gifts of exceptional interest and value only a few can be mentioned here. Besides the Chanute and Gradle gifts, collections of works on medicine were received from Drs. Henry Bangs, John Owens and John Ridlon; one on insurance from Mr. C. E. Rollins, and more general ones from Mr. Carl Boecklin, Gen. Martin A. Harding, and the Chicago School of Civics and Philanthropy. The Chicago Dental Society has undertaken to subscribe to fourteen dental journals.

Duplicates. The sales of the year amounted to 1610 volumes and 14 numbers for \$642.00. On priced exchange 109 bound volumes, 2 unbound volumes and 252 pamphlets, valued at \$68.59, have been sent; 95 volumes and 600 pamphlets, valued at \$116.98, have been received. On piece exchange 38 volumes and 1,099 numbers have been received. In addition, 36 bound volumes, 7 unbound volumes, and 19 pamphlets have been sent to the State Library of Massachusetts in partial return for many documents received.

Inventory. The seventh regular inventory has been continued. Nearly all the shelves of the Department of Applied Sciences have been read, 93 serious misplacements corrected, and 36 books not found. Of these one is known to have been stolen, six are in temporary binders and are most probably

misplaced, and many of the others are of a character to warrant the supposition that they also are misplaced, especially as eleven of the 30 reported missing in 1909 have been found.

From the main Reading Room seven books were lost but six were recovered, of which one was lost in 1906, one in 1908, two in 1909, and two in 1910. The Senn Room has not been so fortunate, having lost 34 volumes, although the detection of one thief and his punishment by six months imprisonment brought about an almost complete stoppage of the thefts for a time. Twenty volumes were recovered from him, twelve of which had been taken in 1910 and one from the main Reading Room. This makes the net loss for the year from both reading rooms 17 volumes and the total since the opening of the Library 96. Of books reported missing from the stacks in previous inventories 15 have been found, making the net loss for the year 21 and the total to date, 199. Six cases of mutilation have been detected.

The periodicals have suffered much more than in 1910. Seventy-eight numbers have been taken, and 47 mutilated. All but eleven of these have been replaced. The larger part of the thefts and mutilations occurred in two classes which have now been placed under guard. It is hoped, therefore, that the record for 1912 may not be so unfavorable.

Binding. On January 1, 1911, there were at the binderies 824 volumes, not 803 as stated in the last report, and 10,145 were sent during the year; 22 were returned as incomplete, and 10,085 bound; leaving 862 at the binderies December 31, 1911. About one-fifth were bound by The Newberry Library. The cost of binding was \$10,945.00, an average of \$1.05 per volume. The cost of shelf-marking the accessions of the year, together with a considerable amount of repairing, inserting book-plates, and similar work, was \$1,512.36.

Catalogues. The Cataloguer reports that during the year 4,961 new titles have been prepared for print; 374 new titles typewritten; 57 titles prepared for print to replace old typewritten titles, and 7 to replace Library of Congress titles; 4,730 titles received from the Library of Congress have been classified for the catalogues; 507 titles have been prepared for the cooperative analysis of serials. The total number of titles treated

by the Cataloguer and Classifier and their assistants has been 11,961, a decrease of 999 over 1910. The titles reprinted in correction of errors were 49, and for other alterations 829. Cards for 4,367 new titles and 807 reprinted titles were received from the printer, electrotypes for 4,829 new titles, and 290 reprinted titles from the electrotypers. The total number of separate titles prepared for print to date is 82,515; of sets of cards received, 80,986; of electrotypes, 44,875.

The number of orders sent to the Library of Congress on triplicate order sheets was 8,647, and reports were received on 8,363, leaving 284 outstanding. There were cards for 2,106 titles on hand January I, 1911; 5,551 were received during the year, and 6 were taken from the file of those previously withdrawn; cards for 4,923 were used, and for 420 withdrawn from the file, leaving those for 2,320 on hand December 31. Of those withdrawn 387 titles were returned to the Library of Congress and 2 were replaced by reprinted cards. Of the 5,551 titles received, 631 were analytical titles from 310 serial publications. Of the 2,320 titles on hand, 525 are for book orders before 1911, 775 for those of 1911, 246 for regular standing orders and 774 for two special analytical orders.

The work of the Library in the co-operative analysis of serials has been continued. It has supplied 507 titles and has received cards for 2,433. Of the titles received, 637 have been filed in the public card catalogues; one copy of 1,098 filed in the official catalogue; and 872 have been sold.

There have been added 28,932 cards to the classed catalogue, which now contains some 126,500 titles on 329,492 cards, an average of 2.60 cards per title; 19,458 cards have been filed in the author catalogue, which now contains the same 126,500 titles on 225,800 cards, an average of 1.78 cards per title; 748 guides and 4,342 cards have been added to the subject index, which now contains 21,800 guides and 44,400 cards covering 103,000 titles, an average of 0.43 cards per title.

The distribution of the cards in the classed catalogue, by departments, is shown in the following table:

DEPARTMENT		CARDS
	1911	TOTAL
General Works	9,292	110,995
Social Sciences	7,338	81,033
Physical Sciences	1,469	24,725
Natural Sciences	3,022	39,824
Medical Sciences	3,714	20,853
Applied Sciences	4,097	52,062
Total	28,932	329,492

Of the 126,500 titles in the public catalogues about 80,000 are on cards printed by the Library, about 36,200 on Library of Congress cards, and about 9,700 on A. L. A. co-operative cards.

There have been added 12,734 cards to the index of government publications, making a total of 51,610 in this index. The index of analytical cards issued by the U. S. Bureau of Education has received 2,774 cards, and now contains 9,641 cards.

The total number of shelves of arrears of all kinds has risen from about 1200 to about 1290. This count does not include the Gradle gift or the unpacked portion of the Ehrenburg library, but it does include, 144 shelves of Orientalia not previously counted. The increase is not very serious and it is hoped that enough assistance can be obtained from the Royal Library cards to enable the staff to make a gradual reduction of these arrears.

Meetings. The Library has been represented officially by the Librarian and unofficially by one other member of the staff at the annual meeting of the American Library Association at Pasadena, May 18th to 27th, officially by the Librarian at the annual meetings of the National Association of State Libraries and the Special Libraries Association at the same place and time: officially by the Assistant Librarian and unofficially by four other members of the staff at the annual meeting of the Illinois State Library Association at Joliet, October 11th to 13th; officially by the Librarian at the dedication of the new building of the Public Library of St. Louis, January 6th, 1912; and officially by the Librarian or the Cataloguer at the regular meetings of the Council for Library and Museum Extension.

Staff. The changes in the staff have not been unusual in number but the resignations of the Medical Reference Librarian

and of three senior assistants make them of unusual importance.

The following have resigned: Gen. A. C. Girard, Medical Reference Librarian; Misses Sophie Hyde and Edna L. Goss and Mr. O. E. Norman, senior assistants; Misses Louise Madsen, Hattie Fisch, Mary Elliott, and Belle B. Gormley and Messrs. J. W. Gorby and Hugo Popper, junior assistants; Messrs. F. D. Hedges, W. E. Boyd and M. A. Brown, attendants; Harold Sheddy and Fred Stuehler, pages.

The following appointments have been made: Miss Grace Kelley and Mr. O. E. Norman, senior assistants; Misses Ruth Woolman, Belle B. Gormley, Helen D. Brown and Margery C. Cooper and Mr. A. F. Gronberg, junior assistants; Misses Harriet E. Penfield and Mary L. Reider, temporary junior assistants; Miss Alice Brown and Messrs. A. E. Olson, Paul Brennan, J. T. Grayston, E. A. Freeman and M. A. Natanson, attendants; William Zimmermann and Benjamin Jaffe, pages.

The following have given temporary service: Messrs. J. C. Bay and W. A. Brennan as Medical Reference Librarian; Miss Mabel Eaman as senior assistant; Misses Minerva Beckwith, Mary E. Burton, Mary L. Reider, Anna M. Baxter and Janet Hall, and Mr. J. C. DeWolfe as junior assistants; Misses Elsebeth Martens and Ruby Lane, and Messrs G. E. Kaltenbach, B. B. Wood and G. C. Fawcett as attendants.

Respectfully submitted,

CLEMENT W. ANDREWS,

CHICAGO, January 18, 1912.

Librarian.

LIBRARY STATISTICS: I

RECORD OF ATTENDANCE AND USE FOR 1911

			7												
	JAN.	FRB.	Feb. March April May June July August Sept.	APRIL	May	JUNE	Јпгл	AUGUST	SEPT.	Ост.	Nov.	DEC.		TOTAL TOTAL 1911 1910	IN- CREASE PER CT.
Visitors Daily Average	13,334	13,521	14,381	11,851	11,446	10,109	8,806	9,882	9,972	13,280	14,270	13,006	13,334 13,521 14,381 11,851 11,446 10,109 8,806 9,882 9,972 13,280 14,270 13,006 143,858 138,353 474 424 389 339 366 384 511 549 500 462 462 442	138,353	4
Calls for Books from Stack	11,735 451 1,712 66	12,795 533 1,638 68	15,186 562 1,822 67	12,350 494 1,806 72	11,170 414 1.623 60	8,456 325 1,457 56	8,895 342 1,431 55	8,979 333 1,484 55	9,283 357 1,708 66	13,049 502 1,781 69	14,672 564 1,783	12,816 493 1,462 56	139,386 447 19,707 63	124,819 399 19.990 64	123 *:
Visitors Admitted to Stack 226 226 215 176 170 112 135 256 296 227	226	226	215	176	0/1	112	135	256	296	227	210	210 211	2,460	2,430	

Smallest attendance, 88 on July 4th. Largest attendance, 863 on Jan. 21st. Smallest number of calls for books, 138 on July 4th. Largest number, 964 on Nov. 18th.

COMPARISON BY YEARS

*Decrease

	1897 9 MOS.	1897 1898 1899 g Mos.	1899		1061	1902	1900 1901 1902 1903	II .	1905	0161 0061 8061 4061 9061 5061 4061	1001	1908	1909	0161	1161
Visitors Daily Average	18,584 80	30,516	34,827	41,697	54,828	66,512	18,584 30,516 34,827 41,697 54,828 66,512 76,429 87,494 92,244 101,839 109,677 130,049 134,579 138,353 143,858 80 99 113 134 175 213 244 279 296 321 351 414 430 442 442	87,494	92,244	101,839	109,677	130,049	134,579	138,353	143,858
Calls for Books from Stack. 6,995 15,367 18,890 23,996 32,193 39,606 50,264 59,561 67,386 113,565 104,435 108,662 107,006 124,819 139,386 Daily Average	6,995	15,367	18,890	23,996	32,193 103	39,606	50,264 161	59,561	67,386 216	113,565	104,435	108,662 346	107,006 343	399	139,386
Calls for Periodicals from Alcove Daily Average	3,864	7,213	8,013	8,667	9,741	12,250	3,864 7,213 8,013 8,667 9,741 12,250 13,264 15,178 15,472 14,722 17,449 20,980 20,261 19,990 19,707 17, 23 26 28 31 39 42 48 50 47 50 67 65 65 65 65	15,178	15,472	14,722	17,449	20,980	20,261	19,990	19,707
Visitors Admitted to Stack.	359	656	1,017	1,019	1,046	1,167	359 656 1,017 1,019 1,046 1,167 1,193 1,608 1,681 1,690 1,944 2,671 2,437 2,430 2,460	1,608	1,681	069,1	1,944	2,671	2,437	2,430	2,460
Volumes in Library 29,141 43,061 55,223 65,645 76,432 89,219 103,291 123,018 142,971 197,440 215,144 232,403 251,281 268,153 286,829	29,141	43,061	55,223	65,645	76,432	89,219	103,291	123,018	142,971	197,440	215,144	232,403	251,281	268,153	628,982
												_		_	

LIBRARY STATISTICS: II

The state of the s						ACCE	ACCESSIONS		D C		Q	T and a	
SUBJECTS		ORI	ORDERS		Voi	VOLUMES	PAMPI	PAMPHLETS	LEK	FERIODICALS	REC	RECORDED USE	SE
	Ä	1161	Ţ	Total	1161	Total	1911	Total		1161		1161	
	Vol.	Est. Cost*	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost	Books	Period- icals	Stack
UNCLASSIFIED	1,066	\$ 994	55,879	49	105	15,863	1 1 1 1	36,800			649	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
I.—GENERAL WORKS:	-		2,70	6.184	70	2011	801	181	C		2 451	9	96
o Miscellaneous	131	1/5	012,2	401,0	3.5	1,120	2,0	4,/0/	7,1		5,451	3 5	کر د
I Bibliography	707	023	4,244	11,013	355	5,923	9 2	2,1,1	74,	3/1 40	1,2/4	171	4
2 Library Economy	2,7	120	1,713	2.654	2 %	1.431	ر د بر	13	2 :	- 1	351	200	٠,
Collected Works of Authors	Ç 4	4	334	084	2	345	—	. 4	1	1	230	1	ן נ
licals	264	447	3,295	4,002	187	5,214	86	393	III		4,926	4,564	7
6 General Societies	167	165	4,425	13,338	277	5,632	13	67	120	404 65	1,977	33	01
7 Exhibitions and Museums	38	105	1,432	1,582	54	1,461	23	344	25		300	13	7
ro Philosophy	282	313	1,836	2,604	241	1,934	6 <u>8</u>	117	17		533	35	67 '
13, 15 Psychology	304	302	1,974	2,595	183	2,190	57	171	44		4,333	214	91
40 Philology	12	50	941	1,871	54	920	4	40	1		200	1	1
90 History and Geography	424	751	5,864	12,048	651	7,286	316	1,468	6	5 79	5,085	13	6
91 Cartography	115	171	1,046	3,436	181	2,291	33	8	9	- 1	NII	230	7
	2,064	\$3,803	31,237	\$64,162	2,495	38,115	1,166	6,507	582	\$1,465 32	24,237	5,527	16
II.—Social Sciences:						•							
17 Ethics	184	\$ 139	1,185	\$ 1,039	122	1,220	IOI	460	7	\$ 5 20	1,358	32	65
20 Religion	38	41	571	814	S,	737	286	721	9		1,160	46	1
30 General Works	277	309	3,798	4,257	178	3,266	56	281	20	148 79	2,083	526	2
31 Statistics	200	191	2,547	3,233	158	2,777	91,	53	41		420	15	rv.
32 Political Science	122	119	2,487	3,000	66 0	4,446	5,	731	15		2,004	95	0
33 Political Economy	367	361	10,017	9,806	965	12,445	360	3,925	187		8,058	1,150	34
34 Law	2	112	1,059	3,318	141	2,304	30	355	13		1,082	13	7
n (and	.000	. 60.	70.	ì	2601	0	910	0,1	í		1	1	ć
26 Associations and Institutions	1 200	1,001	9,500	2,9/5	268	21,250	180	1,409	200	42 70	909.1	1/2	2 <u>1</u>
Education	354	001	6,000	7,765	265	0.630	1.221	1.504	145		4.519	223	ှ ဇွ
38 Commerce and Communica-	+					5		2	;		:	,	,
tion	96	IOI	2,272	2,950	304	4,314	228	228	62	35 51	1,754	371	157
39 Customs, Folklore, etc	89	132	1,217	1,650	103	1,424	62	259	81		1,845	20	-
	3,720	\$ 3,443	45,058	\$48,535	892,9	68,954	2,809	14,839	189	\$ 977 85	29,499	2,483	408

* To nearest dollar.

		ď	Onnano			ACCES	ACCESSIONS		Propi	Prepropress	PEC	Becommen Her	Tev.
Subjects		2	DERS		Vol	VOLUMES	PAMPHLETS	HLETS	Na 1	COLCALS	7	over the second	400
	I	1161	T	Total	1161	Total	1161	Total		1161		1161	
III.—PHYSICAL SCIENCES:	Vol.	Est Cost	Vol.	Est.Cost	No.	No.	No.	No.	No.	Cost	Books	Period- icals	Stack
50 General Works	101	\$ 168	4,138	\$ 6,903	95	3,885	36	124	40		988	34	4
51 Mathematics	48	151	3,169	6,964	128	3,584	13	7.5	40	104 92	2,960	52	49
52 Astronomy	83	174	3,443		142	3,800	43	248	41		1,359	43	11
53 Physics	147	327	5,541	9,934	371	6,754	121	740	25	253 49 284 28	6,563	871	56 126
	487	\$ 1.036	21,883	33	905	23,846	400	1,752	240		14,516	1,169	256
IV.—NATURAL SCIENCES:	-				`	- S	. "			,			1
55 Geology	395	998	5,322	4 9,961	433 283	5,931	282	084	107	\$ 240 03 54 75	2,707	17	35
57 Biology and Natural Sciences	•	C			2	C/2	3	C /	>		:	+	
in General	419	845			407	8,340	43	360	178	632 83	2,913	34	48
58 Botany	265	1,220	4,965	16,077	332	5,157	42	332	93	333 26	1,334	22 23	42,5
6	1,337	\$ 4,222	(3)	149	1,548	28,059	464	2,285	513		9,598	166	210
V.—Medical Sciences	1,991	\$ 3,048		67,962 \$92,171	2,400	56,520	3,489	16,730	673	\$1,970 28	14,838	1	647
VI.—APPLIED SCIENCES:													
60, 70 General Works	158	\$ 254		\$ 9,399	279	6,461	155	385	84	\$ 254 59	2,501	766,1	210
62 Agriculture	728	1,093	7,000	21,138	91,100	8,072	175	1,050	217	570 11	5.110	3,550	2.24 2.24 2.84 2.84
64 Domestic Economy	212	177		1,380	192	1,645	542	190	Ξ		1,667	207	17
65 Trade and Transportation	1225	269		8,367	536	6,535	228	1,020	9/		7,597	1,058	44
	338	587		8,146	407	4,853	28	514	72	248 98	4,989	734	4 :
o7, oo Manuiactures and Trades.	229			4,110	300	3,323	70	410	8 8		24.0	540	44
71 Landscape Gardening	177	184	1,741	2,980	195	2,052	41	27/2	620	00 //9	280,2	271	٥
72 Architecture	148	338	1,165	3.501	165	909'I	24	920	36		1,620	582	9
73-76 Drawing, Design, etc.	152	300	1,580	4,087	152	1,707	13	94	0		3,035	261	20
	78	65	1,240	734	92	1,635	12	117	32	53 of	946	382	7
Total	4,167	\$ 4,967	44,033	\$73,280 465,507	4,368	55,472 286,820	1,396	6,664	737	\$1,721 73	46,049	10,362	848 2,460

LIST OF DONORS IN 1911

Volume		Volumes	
Aarhus, Statsbiblioteket, Aarhus,	ets.	Albany Society of Civil Engineers,	ets
Denmark	I	Albany, N. Y	4
Abbott Press, Chicago, Ill	Ī	Alberta, Department of Agriculture,	+
Abell, A. S., Company, Baltimore,	-	Edmonton, Alta	3
$Md \dots Md$	2	Alberta, Department of Education,	3
Aberdeen University, Aberdeen,		Edmonton, Alta	1
Scotland	2	Alberta, Provincial Secretary, Ed-	-
Abt, Dr. Joseph L., Chicago, Ill	18	monton, Alta	2
Academia de Sciencias de Portugal,		Alexander Hamilton Institue, New	_
Lisbon, Portugal	6	York, N. Y	1
Academia Polytechnica do Porto,		Alfred University, Alfred, N. Y	I
Coimbra, Portugal	7	Allaben, Dr. J. E., Rockford, Ill	3
Academy of Science of St. Louis,	•	Allegheny College, Meadville, Pa	ĭ
St. Louis, Mo	I	Allegheny Observatory, Allegheny,	
Accademia Scientifica Venito-Tren-		Pa	8
tinos Istriana, Padua, Italy	I	Allendale Farm, Chicago, Ill	I
Acme Fireless Cooker Co., Quincy,		Alpha Portland Cement Co.,	
Ill	2	Easton, Pa	2
Ill		Alt, Dr . Isaac, $Philadelphia$, Pa	1
York, N. Y	I	Aluminum Company of America,	
Ad Specialist, Chicago, Ill	I	Pittsburg, Pa	1
Adams, Charles Francis, Boston,		Alvord, John W., Chicago, Ill	I
Mass	1	Amalgamated Association of Street	
Adressograph Co., Chicago, Ill	I	& Electric Railway Employes of	
Adelaide, Chamber of Commerce,		America, Detroit, Mich	3
Adelaide, South Australia	I	American Aberdeen Angus Breed-	
Adirondack League Club, New		ers' Association, Chicago, Ill	1
York, N. Y	2	American Anti-Boycott Associa-	
Air Line News, Chicago, Ill	I	tion, New York, N. Y	3
Alabama Agricultural Experiment		American Architect, New York,	
Station, Auburn, Ala	14	N. Y	1
Alabama Department of Archives		American Association for Study	
and History, Montgomery, Ala	6	and Prevention of Infant Mor-	_
Alabama, State Game and Fish	_	tality, Baltimore, Md	5
Commissioner, Montgomery, Ala.	9	American Association for the Ad-	
Alabama, Geological Survey, Uni-	_	vancement of Science, Wash-	_
versity, Ala	2	ington, D. C	1
Alabama Great Southern Railroad	_	American Association of Freight	
Company, New York, N. Y	I	Agents, East St. Louis, Ill	2
Alabama, State Auditor, Mont-	_	American Association of General	
gomery, Ala	2	Passenger and Ticket Agents,	
Alabama, State Board of Health,	_	Boston, Mass	2
Montgomery, Ala	I	American Association of Genito-	
Alabama, State Tax Commission,	_	Urinary Surgeons, New York,	
Montgomery, Ala	I	N. Y	1
Alaska, Governor, Juneau, Alaska	1	American Association of Obstet-	
Alaska Oil and Guam Company,		ricians and Gynecologists, Buf-	_
Portland, Ore	I	falo, N. Y	1
Albany Medical Annals, Albany,	_	American Bankers Association,	
N. Y	I	New York, N. Y	1
Albany Medical College, Albany, N. Y		American Book Company, Chicago,	
44. I	1	$Ill \dots \dots \dots \dots \dots \dots \dots \dots \dots$	3

Volumes or	Volumes or
Pamphlets. American Brewers' Review Co.,	American National Live Stock As-
Chicago, Ill I	sociation, Denver, Colo I
American Civic Association, Wash-	American National Red Cross As-
ington, D. C	sociation, Washington, D. C 1
American College of Dressmaking,	American Ophthalmological So-
Kansas City, Mo I American Electrochemical Society,	ciety, <i>Philadelphia</i> , <i>Pa</i> 1 American Osteopathic Association,
South Bethlehem, Pa 3	New York, N. Y
American Embassy Association	American Peace Society, Boston,
New York, N. Y I American Entomological Society,	
American Entomological Society,	American Pediatric Society, Wash-
Philadelphia, Pa I American Federation of Labor,	ington, D. C
Washington, D. C	tion, Baltimore, Md I
American Free Trade League, Bos-	American Photo-engraver, Chicago,
ton, Mass 2	<i>III.</i> 7
American Gastro-Enterological	American Printers' Cost Commis-
Association, <i>Detroit</i> , <i>Mich</i> I American Gynecological Society,	sion, Chicago, Ill
New York, N. Y 2	Philadelphia, Pa 1
American Hampshire Sheep Asso-	American Protective Tariff League.
ciation, Cold Water, Mich I American Home Economics Asso-	New York, N. Y
American Home Economics Asso-	American Railway Association,
ciation, Asbury Park, N. J 2	New York, N. Y I American Railway Bridge and
American Homœpathic, Ophthal- mological, Otological and	Building Association. Chicago.
Laryngological Society, Wor-	<i>Ill</i>
cester, Mass 2	American Railway Engineering As-
American Institute of Architects,	sociation, Chicago, Ill II
Washington, D. C 3	American Ramabai Association, Boston, Mass American Real Estate Company,
American Institute of Criminal Law and Criminology, Chicago, Ill	American Real Estate Company
American Institute of Electrical	New York, N. Y I
Engineers, New York, N. Y I	American School of Correspond-
American Institute of Mining En-	ence, Chicago, Ill
gineers, New York, N. Y I American Journal of International	American School of Home Eco- nomics, Chicago, Ill 8
Law, Washington, D. C	American Shippers' Association,
American Journal of Neuropathy,	Chicago, Ill I
Philadelphia, Pa	Chicago, Ill
American Leather Chemists' Asso-	Settlement of International
ciation, Easton, Pa	Disputes, Baltimore, Md I American Society of Civil En-
American Linseed Co., Chicago, Ill. 1 American Lumberman, Chicago,	gineers, New York, N. Y 4
Ill 2	American Society of Engineering
American Marine Engineer, Chi-	Contractors, New York, N.Y I
cago, Ill	American Society of Equity of North America, <i>Indianapolis</i> ,
American Mathematical Society,	Ind I
New York, N. Y	American Society of Heating and
American Medical Association, Chicago, Ill847	Ventilating Engineers, New
American Medico-Psychological	Y OTR, IV. Y I
Association, Binghamton, N. Y. 1	American Society of International Law, Washington, D. C 1
American Mining Congress, Denver,	Law, Washington, D. C I
Colo	American Society of Mechanical Engineers, New York, N. Y 1
American Museum of Natural His-	American Steel and Wire Co.,
tory, New York, N. Y	Chicago, Ill
American Museum of Safety, New York, N. Y	American Surgical Association, St. Paul, Minn I
4	Si. 1 aui, minn

Volume Pamphl		Volumes Pamphl	s or
American Scenic and Historic		Arizona, Agricultural Experiment	••••
Preservation Society, New York,		Station, Tucson, Ariz	8
N. Y	I	Arizona, Executive Office, Phoenix,	
American Society for Testing Ma-		Ariz	I
terials, Philadelphia, Pa	1	Arizona, Territorial Board of	
American Telephone and Telegraph		Equalization, <i>Phoenix</i> , <i>Ariz</i>	2
Company, Boston, Mass	I	Arizona, Territorial Library, Phoe-	
American Telephone and Telegraph		nix, ArizArmstrong Cork Company, Pitts-	1
Company, New York, N. Y	2	Armstrong Cork Company, Pitts-	
American Telephone Company,		burg, Pa	I
Chicago, Ill	I	Arkansas, Agricultural Experiment	
American Telephone Company, Chicago, Ill	_	Station, Fayetteville, Ark	50
Springleia, Iu	I	Arkansas, Department of Public	
American Water Works Associa-		Instruction, Little Rock, Ark	ΙI
tion, Charleston, S. C	I	Arkansas Rice Growers Association,	
Amherst College, Amherst, Mass	2	Stuttgart, ArkArmour Institute of Technology,	I
Amsterdam, Bureau van Statistik,		Chicago III	
Amsterdam, Netherlands	1	Chicago, Ill	I
Amsterdam, Kamer van Koophan- del en Fabrieken, Amsterdam,		Arnold Bion I Chicago III	I 2
Notherlands	I	Arnold, Bion J., Chicago, Ill Art Institute, Chicago, Ill	I
Netherlands	I	Arteraft Institute, Chicago, Ill	2
Anderson Auction Co., New York,	•	Art Metal Construction Co.,	-
N. Y	2	Jamestown, N. Y	1
Andover, Memorial Hall Library,	2	Asiatic Exclusion League, San	•
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Upsala Universitet, Meteorologiska		tories, Work-Rooms and Shops,	
Observatoriet, <i>Upsala</i> , <i>Sweden</i> .	1	Melbourne, Victoria	4
Uruguay, Inspector Nacional de		Victoria, Dept. of Agriculture,	
Instrucción Primaria, Monte-		Melbourne, Victoria	2
video, Uruguay	3	Victoria, Public Library, Museums and National Gallery, Mel-	
Ottob Agricultural College I	27	bourne, Victoria	I
Utah, Agricultural College, Logan,	1	Victoria, Public Service Commis-	
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Station, Logan, Utah	4	Videnskabs-Selskabet, Christiania,	
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Volumes	or	Volume	s or
Pamphle	ets.	Pamphi	lets.
West Virginia, Bureau of Labor,		Whitman, Allan H., Boston, Mass	I
Wheeling, W. Va	I	Whitman, William & Co., Boston,	
West Virginia, Commissioner of	•	Mass	
		Whitridge, F. W., New York, N. Y.	I
Banking, Charleston, W. Va West Virginia, Dept. of Free	I	whitnage, F. W., New York, N. Y.	2
West Virginia, Dept. of Free		Wiener Medizinische Wochen-	
Schools, Charleston, W. Va	8	schrift, Vienna, Austria	I
West Virginia, Dept. of Mines,		Wigg, E. S., & Son, Perth, W. A	6
Charleston W. Va	-	Willard, Mrs. Constance Beatrice,	٠
Charleston, W. Va	I	winard, 1973. Constance Beatifice,	
West Virginia, Governor, Charles-		Chicago, Ill	I
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West Virginia, State Fire Marshall,		Williams College, Williamstown,	
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West Virginia, State Tax Commis-		Williamsport, Board of Trade, Wil-	
sioner, Charleston, W. Va	I	liamsport, Pa	2
Westborough State Hospital, West-		Williston Seminary, Easthampton,	
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Statistical Branch, Perth. W. A.	4	Wilmington, Del	I
Western Australia, Geological Sur-		Wilshire Publishing Co., New York,	
vey, Perth, W. A	3	N. Y	I
Western Australia Government	·	Wilson, H. B., Decatur, Ill	I
Western Australia, Government Statistician, Perth, W. A			-
Statistician, Perin, W. A	I	Wilson-Maculen Company, New	
Western Australia, Registrar Gen-		York, N. Y	3 1
eral, Perth, W. A	2 I	York, N. Y	I
Western Australia, Treasurer of		Windsor Public Library, Windsor,	
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Western College of Law, Chicago,		Wing, D. G., Boston, Mass	1
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Wheeler, C. G., Chicago, Ill	2		-
Whipple, J. R., Company, Boston,		Association, Madison, Wis	I
Mass	I	Wisconsin, Dept. of State, Madison,	
White Company, Cleveland, O	I	Wis	2
White, W. A., Brooklyn, N. Y	Ī	Wisconsin Free Library Commis-	
Whitlock, Brand, Toledo, O		cion Madican Wic	26
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Volumes Pamphle		Volume Pamphi	
Wisconsin, Geological and Natural		Woods, C. A., Marion, S. C.	iets.
History Survey, Madison, Wis	3	Woodward, Horace L., Washing-	•
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on Water Power, Forestry and		Worcester, Mass	14
	_	Worcester Free Public Library,	
Drainage, Madison, Wis	3	Worcester, Mass	2
Wisconsin, Legislative Special		Worcester Park Commissioners,	
Commission on Industrial In-		Worcester, Mass	2
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Wisconsin Medical Journal, Mil-		Workington, Public Library Com-	
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Wisconsin Natural History Society,		Workmen's Compensation Service	
Milwaukee, Wis	I	and Information Bureau, New	
Wisconsin, Railroad Commission,		York, N. Y	I
Madison, Wis	39	World Peace Foundation, Boston,	
Wisconsin, State Board of Agricul-	-	Mass	19
ture, Madison, Wis	4	Wyoming Agricultural Experiment	
Wisconsin, State Board of Forestry,	•	Station, Laramie, Wyo	12
Madison, Wis	4	Wyoming, Commission of Public	
Wisconsin, State Board of Health,	•	Lands, Cheyenne, Wyo	2
Madison, Wis	I	Wyoming Historical and Geological	
Wisconsin, State Civil Service		Society. Wilkesbarre, Pa	2
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Wisconsin State Historical Society,	-	enne, Wyo	I
Madison, Wis	4	Wyoming, State Board of Charities	-
Wisconsin State Normal School,	-	and Reform, Cheyenne, Wyo	1
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Wisconsin, Supt. of Public Instruc-	3	enne, Wyo	2
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Biology, Philadelphia, Pa	8	Wis Yoakum, B. F., New York, N. Y Vork, Public Library Committee	2
Woll, Mathew, Chicago, Ill	I	Yoakum, B. F., New York, N. Y	I
Woman's Medical College of Penn-		Tork Fublic Library Committee,	
sylvania, Philadelphia, Pa	I	York, Eng	I
Women's Canadian Historical So-		Young Churchman Co., Milwau-	
ciety, Ottawa, Ont	3	kee, Wis Young, H. W., Independence, Kan	3
Women's Foreign Missionary So-		Young, H. W., Independence, Kan	2
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EXTRACT FROM THE RECORDS

Meeting of April 20, 1911

"A letter was read by the Secretary from Mr. Schuyler B. Jackson in behalf of the family and executor of Colonel Huntington W. Jackson tendering a memorial tablet, designed and cast in bronze by Mr. Henry Hering, sculptor, of New York, to be placed in the present Library, and to be re-placed when the new building is erected, in such position as may be satisfactory and agreeable to the Board, and

On motion of Mr. Lincoln, seconded by Mr. Hughitt, it was resolved that the Directors, on behalf of the Library, accept with gratitude the Memorial Tablet of Colonel Huntington W. Jackson tendered to the Library by Colonel Jackson's family and executor, and that the Secretary be directed to express to the donors the Board's appreciation of the gift."

REGULATIONS

The Library is a free public reference library, open to readers every day, excepting Sundays, from 9 A. M. to 10 P. M.

Satchels, suit cases, bags, etc., must be checked in the Cloak Room. Outer garments, umbrellas, and packages may be, and in wet weather must be, so checked. No charge is made for the service. The Library will not hold itself responsible for unchecked articles nor for any articles left over night.

Books shelved in the Reading Room and in the Senn Room, except as noted below, may be consulted without formality, but after use are to be left on the tables, instead of being replaced on the shelves.

Current periodicals, except those on the Medical Sciences, may be consulted within the periodical alcove, and may be obtained for use at the tables in the Reading Rooms by presenting at the periodical desk serial call-slips properly filled out. Current medical periodicals are shelved in the Senn Room and may be consulted there.

Books not shelved in the Reading Rooms may be obtained by presenting to the Delivery Clerk book call-slips properly filled out. These books are to be returned to the delivery desk.

Persons engaged in special research, if satisfactorily vouched for, may be admitted to the Stack Rooms. Application for this privilege should be made to the Reference Librarians. All books used under this provision are to be left on the tables in the Stack Rooms.

Books not suitable for general use may be consulted only upon registration and statement of satisfactory reasons, and those of great value or rarity only in the presence of an attendant.

Writing or marking in books belonging to the Library, their mutilation in any manner, and their removal from the Library, are forbidden. The tracing of plans will be permitted if done over a celluloid cover, but not otherwise. The covers will be furnished upon application at the delivery desk.

The officials of the Library are authorized to exclude any person of unseemly behavior or appearance, and any one wilfully violating its regulations.

The Reference Librarians, in charge of the Reading Rooms, will give assistance in the use of the library.

PUBLICATIONS IN PRINT

No bills are rendered. Orders should be accompanied by postal money order or stamps.

Annual reports. First to seventeenth for the years 1895-1911. Chicago 1897-1912. Sent gratis on request.

The First report contains Record of Organization; the Second, Memorial of Edson Keith; the Fourth, By-laws of the Corporation; the Fifth, Memorial and portrait of Norman Williams; the Sixth, Memorial and portrait of Huntington W. Jackson; the Seventh, Act and Ordinance authorizing the Library to erect and maintain a free public library on the Lake Front Park; the Ninth, "Act concerning free public libraries in public parks"; the Eleventh, Memorial and portrait of Marshall Field, and "Ordinance concerning The John Crerar Library"; the Thirteenth, Memorials and portraits of Albert Keep and Dr. Nicholas Senn; the Fourteenth, By-laws of the Corporation; the Fifteenth, Report of the Special Committee on Site.

- Printed catalogue cards for the titles of all books in the Library. Prices on application.
- A list of current periodicals in the Reading Room, June, 1902. Chicago 1902. 97 p. Price 10 cents; by mail 15 cents.
- A list of books on industrial arts, October, 1903. Chicago 1904. 249 p. Price 20 cents; by mail 30 cents.
- A bibliography of union lists of serials. Chicago 1906. 28 p. Price 5 cents; by mail 10 cents.
- A list of books exhibited December 30, 1907—January 4, 1908, including incunabula and other early printed books in the Senn Collection. Chicago 1907. 32 p. Price 5 cents; by mail 10 cents.
- A list of books in the Reading Room, 1909. Chicago 1909. viii, 488 p. Price 25 cents; by mail 50 cents.
- A list of current medical periodicals and allied serials, December, 1909. Chicago 1910. 25 p. Price 5 cents; by mail 10 cents.
- Handbook, 1910. Chicago 1910. 16 p. Sent gratis on request.
- A list of books on the history of science. Chicago 1911.

 10, 297 p. Price 25 cents; by mail 40 cents.

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Univ. of Illinois,
State Library School,
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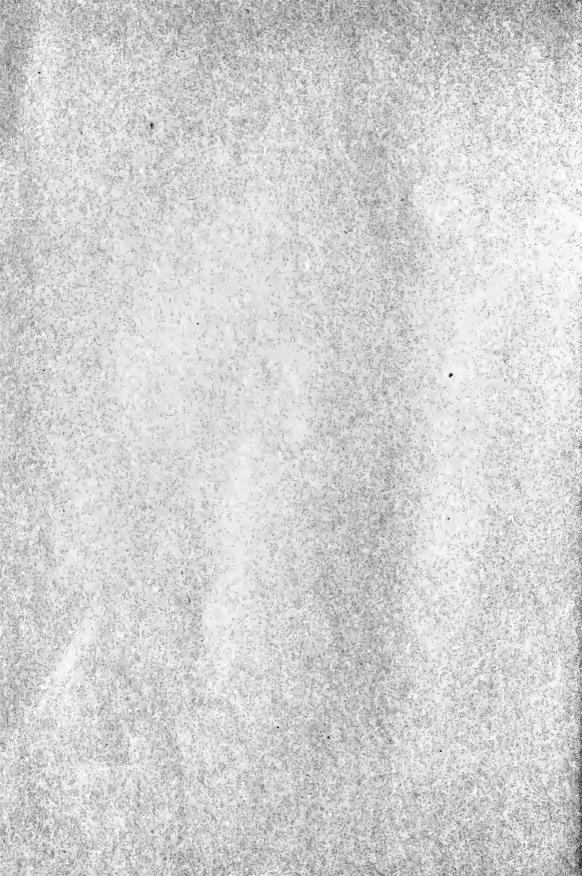
EIGHTEENTH ANNUAL REPORT

FOR THE YEAR

1912



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
1913



THE

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EIGHTEENTH ANNUAL REPORT

FOR THE YEAR

1912



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E. W. BLATCHFORD					-						1894—
T. B. BLACKSTONE		-		-		-				-	1894—1899†
ROBERT T. LINCOLN			-		-				-		1894—
HENRY W. BISHOP				-		-		-		-	1894—
EDWARD G. MASON	-				_				-		1894—1895†
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JOHN M. CLARK -											1894
George A. Armour		-				-		-		-	1894—1899†
Frank S. Johnson					•						1896—
PETER STENGER GROS	SSC	CUI	>	-				-		-	1897—
ARTHUR J. CATON	-		-		-		-		-		1900-1904*
MARVIN HUGHITT -		-		-		-		-		-	1900
THOMAS D. JONES					-		-		-		1900—
JOHN J. MITCHELL -				-		-		-		-	1900
LEONARD A. BUSBY			-		-		-		-		1001-
ROBERT FORSYTH -				-				•		-	1905—
CHAUNCEY KEEP			-				-		-		1906—
Frederick H. Rawso	ON			-		-		-		•	1908—
*Deceased											+Resigned

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Norman Williams	1895—1899
HUNTINGTON W. JACKSON	1900-1901
Peter Stenger Grosscup	1901—
First Vice-Presidents	
Edward G. Mason	1805
HUNTINGTON W. JACKSON	1806—1000
PETER STENGER GROSSCUP	
Henry W. Bishop	1001-1010
Thomas D. Jones	1911—
Second Vice-Presidents	
Marshall Field	1895—1899
Marshall Field	1899—1900
HENRY W. BISHOP	1900-1901
Henry W. Bishop Thomas D. Jones	1901-1911
ROBERT FORSYTH	1911—
Secretaries	
George A. Armour	1895—1900
George A. Armour	1900-1904
LEONARD A. BUSBY	1905—
Treasurer	
William J. Louderback	1895—
Librarian	
CLEMENT W. ANDREWS	1895-

LIBRARY STAFF, 1913

Assistant Librarian - Reference Librarian - Cataloguer Classifier Medical Reference Librar	ian	Audrey Goss
Assistant Reference Libra	rian	Robert J. Usher
Assistant Cataloguer -		MARY E. HAWLEY
Assistant Cataloguer -		GERTRUDE FORSTALL
Treasurer's Assistant		Bruno Wilke
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	HANS KLEINERT	
	Pages	•
WILLIAM JAFFE	9	Daniel Bauer
HARRY NOSEK		Alphonse Comyn
	CHARLES OLSON	ī
	Janitor	•
	WILLIAM J. JONE	s
Averson Canada	Assistant Janitor	s Nicholas Meyer
August Carlson		NICHOLAS MEYER
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REPORT OF THE PRESIDENT

TO THE GOVERNOR OF ILLINOIS:

In accordance with the provisions of an act entitled "An Act to encourage and promote the establishment of free public libraries in cities, villages, and towns in this state," approved June 17, 1891, under which this corporation is organized, the Directors of The John Crerar Library submit their eighteenth annual report, for the year 1912.

No change has occurred in the membership of the Board, which is composed of the following persons: E. W. Blatchford, Robert T. Lincoln, Henry W. Bishop, John M. Clark, Frank S. Johnson, Peter Stenger Grosscup, Marvin Hughitt, Thomas D. Jones, John J. Mitchell, Leonard A. Busby, Robert Forsyth, Chauncey Keep and Frederick H. Rawson, together with Carter H. Harrison, Mayor of Chicago, and John E. Traeger, Comptroller, ex-officio members.

The officers of the Library are as follows: President, Peter Stenger Grosscup; First Vice-President, Thomas D. Jones; Second Vice-President, Robert Forsyth; Secretary, Leonard A. Busby; Treasurer, William J. Louderback; Librarian, Clement W. Andrews.

The Special Committee on Site, appointed in 1911, after careful consideration of many offers to sell and to lease, recommended the purchase of the property at the northwest corner of Michigan Avenue and Randolph Street, immediately north of the Public Library. At a special meeting, held April 4, 1912, the Board adopted this recommendation and title was taken on May 1, 1912. The property thus acquired has a frontage of 135 feet on Michigan Avenue and one of about 128 feet on Randolph Street. It consists of "the south twenty-one feet of lot 20 and all of lots 21, 22, 23, 24 and 25 in block 10 in Fort Dearborn addition to Chicago." There are on it at present one seven-story brick building of modern fire-proof construction and three five-story older brick buildings. All of these are under leases running to 1919 or 1920 but these leases can be terminated on May 1, 1915.

The character of the Library as a reference library, the wide distribution of the residences of the readers, and more especially the large proportion of use by business men, physicians, engineers and others having offices in the business district of the city, have convinced the Directors that a central location is necessary to develop the greatest usefulness of the institution. The site selected offers this great advantage combined with unobstructed light and air.

The utilization of the property to the fullest possible extent would provide for about one hundred and fifty years, but it is the intention of the Directors to build at first on a portion only, treating the remainder as an income-producing investment until needed for extension.

As 1916 is the earliest date at which the building can be ready for occupancy, the Directors have arranged with Marshall Field & Co. for the extension of their lease of the present quarters until then, and have secured additional space which will provide for the most essential needs of the Library.

The year has seen the usual growth of the Library and also an increase in the use made of it by the public. It now contains 307,350 volumes, 3,699 maps and plates, and some 96,300 pamphlets. It receives currently 3,493 periodicals and 10,502 other serial publications. The total use was more than 480,000 books and periodicals, and the recorded attendance was 154,834. For further details reference is made to the appended report of the Librarian.

The report of the Treasurer, also appended, presents the statement of the income and expenditure for the year 1912, together with a statement of the assets and investments, as required by law.

Respectfully submitted,
PETER S. GROSSCUP,
President.

CHICAGO, January 16, 1913.

REPORT OF THE TREASURER

STATEMENT OF FINANCES FOR YEAR 1912

CASH

Cash on hand January 1, 1912: In bank Librarian, petty cash -		- \$,, ,	e 0.006.00
Diorarian, petty cash		_	131.85	\$ 9,236,90
RECEIPTS				
Collections account income -		- \$	212,620.15	
Income Real Estate Investment -		-	32,784.72	
Huntington W. Jackson Fund, ince	ome		40.00	
Henry Gradle Memorial Fund	-	-	2,000.00	
Bills Collectable			2,669.28	
Notes Payable	-	-	600,000.00	
Investments:				
Bonds		-	500,300.00	
Stocks	-	-	239,067.76	
Farm Mortage Loans		-	18,600.00	
Certificate of Deposit -	-	-	100,000.00	1,708,081,91
				\$1,717,318.81
DISBURSEMENTS				
Audited Vouchers		- \$	171,871.44	
Notes Payable	-	-	345,000.00	
Interest		-	12,585.33	
Investments:				
Farm Mortgage Loans -	-	-	107,578.29	
Real Estate		- 1	,080,000.00	\$1,717,035.06
Cash on hand December 31, 1912:				
In bank		- \$	154.73	
Librarian, petty cash -		<i>\$</i>	129.02	\$ 283.75
Dibiatian, petty cash				203.73

OPERATION

INCOME

General Account:				
Bonds		\$125,055.49		
Stocks	-	48,630.20		
Mortgage Loan		16,625.00		
Farm Mortgage Loans	-	9,792.37		
Sundries		1,863.99	\$ 201,967.05	
Rentals			32,784.72	
Huntington W. Jackson Fur	nd	•	40.00	\$ 234,791.77
Less Interest on Notes				12,585.33
ness interest on ivotes				
				\$ 222,206.44
	EX	PENSE		
Administration:				
Rent, Light		\$ 35,476.69		
Salaries, Wages	\$59,484.68			
Less Credits	489.99	58,994.69		
Supplies		2,808.96		
Printing	6,915.34			
Less Sales	727.74	6,187.60		
Transportation, Postage		1,751.11		
Sundries		2,479.88		
Ins. on Books & Fixtures	8,222.64			
Less Unearned Prem.	6,081.43	2,141.21	\$ 109,840.14	
Books:				
	¢22 9 = 6 0 +			
Books Less Sales	\$23,856.94	*		
Periodicals	1,122.47	\$ 22,734.47 9,549.84		
Binding		10,489.00		
Lettering, Repairs -		1,329.48	44 100 70	
Lettering, Repairs	(-	1,329.40	44,102.79	
Buildings and Grounds:				
Repairs		2,897.19		
Depreciation		2,862.21		
Taxes, 1912 (estimated)		9,000.00		
Insurance on Buildings	3212.08			
Less Unearned Prem.	1868.59	1,343.49		
Sundry Expenses		714.28	16,817.17	170,760.10
Surplus for year 1912				\$51,446.34
				#J-1440.34

ASSETS AND LIABILITIES

ASSETS

Bonds \$2,480,415.95	
Stocks 608,396.42	
Real Estate 1,080,000.00	
Mortgage Loan 475,000.00	
Farm Mortgage Loans 289,655.00	
Furniture and Fixtures 25,759.97	
Book Investment 472,765.92	
Accounts Receivable 3.47	
Bills Collectable 1,271.12	
Unexpired Insurance 7,950.02	
Medical Library Purchase Suspense 21,000.00	
Cash 283.75	
Total	\$5,462,501.62
LIABILITIES	
Endowment Fund \$3,500,000.00	
Building Fund 1,049,608.37	
Book Fund 472,765.92	
Security Reserve Fund 168,640.53	
Huntington W. Jackson Fund 1,000.00	
Henry Gradle Memorial Fund 2,000.00	
Book Purchase Reserve 4,486.80	
Reserve for Taxes 9,000.00	
Notes Payable 255,000.00	
Total	\$5,462,501.62

In accordance with the instructions of the Board of Directors, the Building Fund has been increased by the amount of the surplus for the year, \$51,446.34, less the balance of \$1,805.53, from the appropriation for books carried to Book Purchase Reserve and less the seventh annual charge of \$7,000.00 against the Medical Library Purchase Suspense Account, making a total to the credit of the Building Fund of \$1,049,608.37.

The Book Fund has been increased by the amount of the investment during the year, less depreciation, and now stands at \$472,765.92.

The income of the Huntington W. Jackson Fund has been expended for books.

Insurance is in force covering the property of the Library in amounts as follows:

Books -	-	-	-	•	-		-	\$	382,000.00
Portraits,	Furnit	ture,	Fixt	ures,	etc.		-		28,000.00
Type and	Cases		•	-	-	-		-	5,000.00
Buildings	; -	-	-	-	-		-		195,000.00
Boilers	-	-	-	-	-	-		-	20,000.00
Plate Gla	ss (by	pren	nium	only)	-		-		
								\$	630,000.00

Wm. J. LOUDERBACK,
Treasurer.

CHICAGO, January 16, 1913.

To the Board of Directors of The John Crerar Library.

Dear Sirs:—We have audited the books and accounts of The John Crerar Library for the year ending December 31, 1912; have examined and priced all securities (other than farm mortgages) which we found to have an aggregate market value exceeding the book value; and have verified the cash on hand and in banks.

We accordingly certify that, in our opinion, the attached statements truly exhibit the cash receipts and disbursements and the operating income for the said year, and the assets and liabilities at its close.

THE AUDIT COMPANY OF NEW YORK,

Howard Kroehl, Western Manager.

CHICAGO, January 16, 1913.

REPORT OF THE LIBRARIAN

TO THE BOARD OF DIRECTORS OF THE JOHN CRERAR LIBRARY.

Gentlemen:—A combination of extensive alterations in the rooms and an unusual amount of illness in the staff has hindered seriously the routine work, yet the amount accomplished is fully up to the records of previous years. The resources of the Library have been strengthened materially and the use made of it has increased as much as could be expected in view of the narrowing margin of available space.

Rooms. In May an additional space of about 650 sq. ft. on the seventh floor of the building, immediately over the Receiving Room, was leased, fitted up with stacks for the storage of about 10,000 volumes, and connected with the Receiving Room by a staircase and book-lift. At the same time a gallery, which provides for about 2,000 volumes, was placed around the Receiving Room. About as much more space on the seventh floor was to be leased in 1913, but hardly had these changes been made when Marshall Field & Co. asked permission to close off all the western light of the Library with the extension of their store building over the court between. The conditions upon which the Executive Committee granted this request allow the Library to extend its fifth floor and mezzanine stacks enough to provide for the most pressing storage needs to the end of the lease and to furnish space under skylights on the sixth floor for the working staff. This space should be large enough but it is not certain that is will be sufficiently well lighted.

Unfortunately the work of construction has been delayed greatly by unforeseen difficulties and the consequent interference with the work of the Library promises to be many times more serious than was expected. It is almost needless to add that the definite prospect of adequate and convenient provision for all needs in the permanent building is most welcome to all interested in the development of the Library.

Department of Medical Sciences. The Library has been fortunate in securing the services of Dr. Audrey Goss as Medical Reference Librarian. Dr. Goss is a graduate of the University

of Kansas and of the Medical School of George Washington University. She has had some little library experience, both in public and in medical libraries, and it is hoped that she will develop the usefulness of the department in bibliographical research as well as its convenience as a place of study and reference.

Considerable progress has been made in recataloguing the material still under the Newberry classification, which has been reduced from 350 shelves to 273; the Geibel purchase has all been accessioned and added to the Senn Collection, the uncatalogued portion of which has been reduced from 247 shelves to 220; the Gradle gift has been examined and all volumes not duplicates of works already in the Library have been accessioned.

Special Collections. From the proceeds of its special fund ten volumes have been added to the Huntington W. Jackson Collection on Constitutional Law, which now contains 660 titles, of which 73 have been purchased from the fund.

The Senn Collection on the Medical Sciences is still in process of adjustment.

The Henry Gradle Memorial on the Eye and Ear is also in process of adjustment. The books have been examined and all but about 200 were found to be duplicates of works already in the Library. In accordance with the agreement with the donors these have been sold and the Library's copies will be transferred to the collection. If the Directors approve the recommendation of the Committee on Books the amount realized by the sale of the duplicates will be added to the fund. The income will be spent as stipulated in subscriptions to periodicals. This will be available in 1913, but Dr. Henry S. Gradle has added files for 1912 of eleven periodicals on ophthalmology. A memorial tablet of teak wood has been placed over the shelves.

Following the adoption of a satisfactory classification of the subject, the work of cataloguing the Chanute Collection on Aviation was begun. At present there are in it 271 titles, or about 630 volumes. It is hoped that this work can be completed in 1913.

The Laufer purchase of Orientalia remains in the condition stated last year. It is unfortunate that no arrangements for cataloguing it in connection with the complementary collection in The Newberry Library seem probable in the near future. In its present state the use made of it is small in comparison with what might be expected were it known to scholars. Notwithstanding this drawback the Library has secured from it the distinction of being able to loan to a European scholar a book not known to be in any European library. This is a Japanese reprint of a Chinese work, thought to be the earliest printed book on agriculture and sericulture. This Japanese edition gives the plates in an earlier state than was previously known.

Routine. Perhaps the most important change in the routine was made by the installation of a cameragraph. This instrument permits an attendant without expert knowledge of the art to make photographic reproductions. Its use has proved both greater in amount and wider in scope than was anticipated. It was thought that it would to some extent relieve the Library from granting requests for inter-library loans, and it has done this, but it was not foreseen that there would be requests for copies of ornamental alphabets, lace patterns, and portraits. Care is taken not to reproduce any copyrighted material, but few requests have been refused for this reason. The charge made for the service is twenty-five cents for the first sheet and ten cents for each additional sheet. Each sheet will reproduce two octavo pages. The charge is intended, and probably is nearly enough, to cover the actual cost of time and supplies, without allowing for depreciation of the apparatus or interest on the investment. The more important statistics in regard to the service will be found among the paragraphs on the use of the Library.

Considerable time has been given to the development of the classification. Nearly all the changes made in the seventh edition of the *Decimal Classification* have been adopted and an extension of the sub-section on Aviation has been made for the needs of the Chanute Collection.

The question of how to secure the greatest usefulness of the German inaugural dissertations with the least additional burden on the staff has been considered. It has been decided to bind those of one institution together in volumes forming a series, and to catalogue them by a subscription to five copies of the printed cards of the Royal Library of Berlin.

Attendance. The total number of visitors recorded during the year was 154,834 and the daily average was 493, an increase of 7 per cent over the figures of 1911, which were 143,858 and 462 respectively. This increase is larger than that of the previous year, and is about the average increase since the opening of the Library.

The evening attendance, 91, was three more than in 1911. The average attendance on the five general holidays, 173, was the same as for 1911. The smallest attendance of the year was 115, on December 25th, and the largest was 926 on March 2nd. The figures for 1911 were 88 and 863 respectively.

Use. The recorded number of calls for periodicals from the alcove is ten per cent less than in 1911, being 17,784 as against 19,707. The continued decrease emphasizes the fact that periodical readers find it increasingly difficult to obtain seats at the tables, though a part of it may be due to the increasing difficulty of securing records at times when the use is greatest. On the other hand, as was said last year, the notable increase in the recorded number of calls for books from the stacks from 139,386, to 142,262, can mean only a gratifying increase in the more serious use of the Library. This is still further indicated by the notable increase in the admissions to the stack. Using the same factor as in previous years the total use of the Library in 1912 may be estimated at 480,000 books and periodicals.

A detailed classification of the call slips for books and periodicals and of admissions to the stack is given in the second table of library statistics. The following table gives a comparison of the totals and percentages for each department with the corresponding figures for 1911:

	RECORDED USE					E STACK	
1	1912 1911						911
	Percent		Percent-				Percent-
Total	age	Total	age	Total	age	Total	age
Unclassified 884		649					
General Works 26,792		29,764	19	109	3	91	4
Social Sciences34,593	22	31,982	20	430	11	408	. 17
Physical Sciences 15,204	. 9	15,685	10	587	14	256	10
Natural Sciences 8,981		9,764	6	317	8	210	9
Medical Sciences 16,359	10	14,838	9	944	23	647	2 6
Applied Sciences 57,233	36	56,411	36	1631	41	848	34

For almost the first time there are substantial changes in the proportion of use of the different departments, but after examination of the individual subjects these are found to be due to the cumulative effect of many small changes and not to indicate any marked alteration in the character of the reading. Only one subject—history and geography—shows a decrease of one quarter, and only four—statistics, charities, geology, and photography—increases of one-half. The decrease in history and geography restores chemical technology to its former position, making the order for 1912: medicine, engineering, political economy, trade and transportation, physics, chemical technology.

The admissions to the stack were 4,018, an increase of 1,558. Of the admissions recorded, 2,603 were by registration and 1,415 on presentation of 31 passes. Four additional passes have been granted, and four have been canceled, leaving 96 nominally in force.

The loans for use outside the Library again have increased. There were granted 193 requests from 42 libraries and 337 requests from 146 individuals. Four requests from libraries were refused. In 1911 the loans were 481 and the refusals seven. In ten cases the books loaned were asked for while out. Nearly all the loans to individuals are for very short periods, chiefly over night or over Sunday. The loans asked by the Library for its readers were 50 from 7 libraries. All but one were granted.

The calls for assistance by telephone were 529, and the requests for information by letter were 143. The figures for 1911 were 610 and 204, respectively.

As has been stated before, the installation of a cameragraph has enabled the Library to offer a new service. In the eight months during which this has been available there have been filled 71 orders requiring 802 sheets, for which a charge of \$92.45 has been made.

The time required to fill calls has been determined in the same way as for the previous year. The average time was 3.66 minutes, as against 3.65.

The record of the causes of failures to supply books called for, which should have been supplied, is as follows: at bindery, 532; otherwise unavailable temporarily, mostly stolen and not yet replaced, 32; in use by another reader, 627; withdrawn from general circulation, 25; not found on shelves, 290; errors of

library assistants or records, 105; total, 1,611. The total is 1.13 per cent of the total call slips presented, while in 1911 the percentage was 1.09 and in 1910 was 1.52. Excluding the first four causes as unavoidable, the avoidable failures were 395, or 0.28 per cent; in 1910 and 1911 the percentage was 0.23.

Publications. In May the Library issued its *Seventeenth Annual Report*, a pamphlet of 76 pages. An edition of 5,500 copies was printed and distributed.

For several reasons, particularly the pressure of the large orders for catalogue cards upon the appropriation for printing and the absences of the staff, it did not seem advisable to press to completion any of the publications authorized by the Board. Should it be desired the List of Histories of Arts and Industries, the Supplement to the List of Histories of Science and the first section of the second edition of the List of Bibliographies of Special Subjects could all be made ready for the printer within a few months, but it might be better to postpone the last until 1914.

The numbers of the various publications remaining in stock are given in the following table, which shows their distribution during the year.

		DISTRIBUTION					
		C	On hand				
TITLE	Date	Edition	Jan. 1	or Gift	Sale	Dec. 31	
Current Periodicals Bibliographies of Special	1902	1,000	163	15	7	141	
Subjects	1902	966	37	8	4	25	
Books on Industrial Arts		980	37 63	13	7	43 148	
Bibliography of Union Lists		317	166	15	3 8	148	
Books Exhibited		2,000	974	14		952	
Books in Reading Room	1909	956	268	12	18	238	
Current Medical Periodicals		1,000	87	17	17	53	
Handbooks, 1910		1,280	263	218		45	
History of Science	1911	1,000	364	32	13	319	

A second edition of the *Educational Opportunities in Chicago*, containing a revised sketch of the Library, was issued by the Council for Library and Museum Extension on the occasion of the annual meeting of the National Educational Association in July.

Printed Cards. The distribution of one copy of each catalogue card to the Armour Institute of Technology, Chicago

Public Library, Field Museum of Natural History, Library of Congress, Northwestern University, University of Chicago, and the University of Illinois has been continued; also the sending of one copy of each card printed by the Library to Harvard University, New York State Library, Princeton University, St. Louis Public Library, University of California, University of Michigan, and Yale University. To the second list Columbia University and the Royal Library at The Hague have been added and the Cincinnati Public Library has been dropped. Seven important partial orders were received.

No order for a complete set of the printed cards of the Library has been received during the year, but the completion of those previously ordered has been a serious task and the total distribution has been far larger than for any year except 1911. It amounted to 284,351 cards, of which 80,017 were sent to the depository libraries, 3,021 sent as gifts, and 201,313 sold or sent in exchange.

From the Library of Congress there have been received 46,159 cards, making a total of 525,770; from Harvard University 5,376; from the Royal Library of Berlin 16,927; from the Royal Library at The Hague 7,167; and from the University of Illinois 2,300; making a total of 557,540 in the Union Catalogue.

The Universities of Illinois and Michigan have very kindly offered to send their multigraphed cards, which will be added to the Union Catalogue.

The Royal Library at The Hague has accepted the offer of the Library to exchange printed cards from 1910. This will enable the Union Catalogue to furnish adequate information on current Dutch publications.

The offer of the Royal Library of Berlin was mentioned in the report for 1911. An order for one copy of all titles, to be placed in the Union Catalogue, has been given; also an order for five copies of the titles of German dissertations. Experiments to determine the possible usefulness of these cards in general cataloguing have been made, with some prospect of advantage, though not as much as if orders could be given from the proofsheets. As this was not possible, ordering from Hinrichs' Weekly List was tried. Although the orders were given im-

mediately upon the receipt of the list, the experiment failed, chiefly because the orders were still too late. At present one of the staff of the Royal Library has undertaken to send the desired number of cards, 35, for titles of new books in German within the scope of The John Crerar Library. In so doing he omits new editions, mere text books, and all titles not entered under a personal name. Two instalments have been received and all the titles sent are for works which the Library either has or ought to secure. Many of them are for serial publications which have not been analyzed because of lack of time. The cordial co-operation of Dr. Schwenke and the Royal Library in these experiments is gratefully appreciated.

The conditions necessary for success are as yet so undetermined that any report of figures would be misleading, though it may be well to note that one set has actually been placed in the public catalogues, and that 83 more are on hand for use.

Much the same might be said of a similar experiment with Harvard cards, though here the possibilities are much smaller, being limited practically to series entries, pamphlets, and older books in the Senn and Gerritsen collections. Still five sets have been used and 24 are on hand for use.

Selection and Ordering. The selection of new titles is almost up to date, and about one-half of the older titles were revised during the year. The gain in ordering has not been so marked, but has been substantial. A system of ordering in two series, the first containing the books most likely to be asked for, was tried. Unfortunately the accumulation of titles of this class had been so great that each subject was ordered once or twice only instead of four times, as was planned. Evidently this frequency cannot be obtained for some time to come, but the method seems to fit the needs of the Library. In the second series of orders, including all available titles on a given subject, the remainder of the Social Sciences was covered and the Physical Sciences were begun.

During the year 12,448 orders were given. Of these 980 failed or were canceled, leaving 11,468 valid orders, covering, with the standing orders for continuations, 15,480 volumes at an estimated cost of \$25,275; 10,331 orders were filled, covering 17,429 volumes at a cost of \$22,734. There are left outstanding, in

addition to the orders for continuations, 3,451 orders, at an estimated cost of \$4,557; of these 1,091 were given before January 1, 1912. The distribution of the orders of the year, of the total to the end of 1912, and the estimated cost, to the nearest dollar, are given in the second table of library statistics. The unclassified orders were for small lots of miscellaneous pamphlets.

Accessions. The total accessions of volumes for 1912 have been 21,005, of which 3,576 have been received as gifts and 17,421 obtained by purchase. Volumes made by binding serials are included in these figures. There have been withdrawn 484 volumes, leaving the net accessions for the year 20,521, which, with the 286,829 reported for 1911, make a total now on the books of 307,350. There remain to be entered only the Laufer purchase, about 14,000 volumes, and about 3,000 volumes of the Gerritsen purchase. These have their own catalogues and particular books can be obtained when asked for, so that the total number of volumes available is about 324,000.

The accessions of maps and plates for 1912 were 640, and the total entries are 3,699.

Few pamphlets have been obtained by purchase, but the number received as gifts was 19,069, about one-half more than in 1911 and nearly equal to the maximum. Author slips for 5,767 titles were filed in the official catalogue and the classified collection has been increased by 9,946 pamphlets. The last number includes the preceding, but these two have no necessary connection with the first. Many of the pamphlets received are duplicates and many more are continuations or for various reasons are put elsewhere than in the pamphlet collection. On the other hand, many pamphlets already in the Library have been classified and entered in the official catalogue. the 0,046 net accessions in the classified collection, 1,254 were from the Gerritsen purchase, 831 from the Senn Collection, and some 200 from other accumulations, leaving some 7,400 as the new accessions of the year. The total in the Library is approximately 96,300. Their classification is shown in the second table of library statistics.

The following table shows the distribution of the net accessions for 1912 and of the totals entered, by departments, together with the percentages of the classified volumes:

		1912			TOTAL	
DEPARTMENT	Volumes	Per cent	Pamphlets	Volumes	Per cent	Pamphlets
Unclassified	172			16,035		34,520
General Works		16	959	41,485	14	10,466
Social Sciences		34	4,448	75,852	26	19,287
Physical Sciences		6	419	25,154	9	2,171
Natural Sciences		10	580	30,019	IO	2,865
Medical Sciences		.17	2,135	59,943 58,862	21	18,885
Applied Sciences	3,390	17	1,405	58,862	20	8,069
Total	20,521		9,946	307,350		96,263

The new method of ordering will always produce temporary irregularities in the growth of the Library so that it would be a more exact test of the proportionate growth to compare the present percentages of the total number of volumes with those of five years ago. Such a comparison shows that General Works have dropped one point, Social Sciences gained four, Physical Sciences remained the same, Natural Sciences dropped one, Medical Sciences dropped two, and Applied Sciences remained the same.

The periodicals currently received are 3,493, of which 852 are received as gifts and 2,641 by subscription, at an estimated yearly cost of \$9,501.96. Their classification is shown in the second table of library statistics.

The assistant in charge of the Continuation Record reports 1,161 titles added to the list and 246 withdrawn, leaving 10,502 at the end of the year. About 4,334 are obtained by subscription, at a cost in 1912 of \$5,763.30. These furnished 1,530 volumes entered on the record of accessions. The other continuations were received as gifts or in exchange, and furnished 1,154 volumes. For the gifts 1,118 first and 180 second requests were sent and 9 reported to the Librarian for personal letters. For the purchases 326 first and 13 second notifications were sent and 26 reported to the Librarian.

The Library was fortunate enough to be able to repeat the experiment of co-operative buying in Europe through Dr. Lichtenstein, of Northwestern University. Its commission was for \$4,500, nearly the same amount as in 1911, and on exactly the same lines. The results were equally satisfactory. Dr. Lichtenstein secured for the Library 168 volumes of miscellaneous works; 264 volumes on the ethnology of Eastern Europe; 1,127 volumes to complete or extend the files of 62 periodicals; 204 volumes on the history of science and the industrial arts; and

259 volumes of government documents and publications of international congresses. All of the miscellaneous works and many of the others were out of print or not in trade, and had been ordered in vain from second-hand dealers. A considerable number were Spanish and South American publications, which are especially hard to obtain. All departments of the Library and nearly all its subjects were represented in the purchases. They were chiefly works of moderate cost, but the fac simile edition of Hubner's Sammlung exotischer Schmetterlinge and a set of the works of Archduke Ludwig Salvator were exceptions.

An order has been placed for all German theses, school programmes, etc., on all subjects within the scope of the Library, beginning with those of 1912. It is estimated that there will be received about 4,000 a year. Although admittedly of secondary importance occasional ones are very useful and sometimes greatly sought. Their treatment as already outlined will not be a serious burden in proportion to the advantages of having them.

Again it would take too much space to mention all the files of periodicals which have been completed, but among the more important are:

Anales del Museo nacional de Montevideo, Annales scientifiques, iudustrielles et statistiques de l'Auvergne, Annali dell Ufficio centrale meteorologico geodinamico italiano, Annuaire de la Société météorologique de France, Mémoires de l'Académie des sciences, lettres et arts d'Arras, Mémoires de l'Académie des sciences, belles-lettres et arts de Savoie, Mémoires de l'Académie des sciences, belles-lettres et arts de Clermont-Ferrand, Mémoires de la Société de physique et d'histoire naturelle de Genève, La Naturaleza, Il Nuovo cimento, Papier Zeitung, Rad Jugoslavenska akademija znanosti i umjetnosti, Transactions of the New Zealand Institute, Zeitschrift für Zuckerindustrie in Böhmen.

The number of gifts was considerably larger than in 1911 and approached the record of 1910. There were received 7,920 volumes and 19,069 pamphlets from 2,963 donors. The volumes entered in the accession record were 3,576. The figures for 1911 were 7,334 volumes, 13,858 pamphlets, 3,020 donors, and 5,076 entries.

Several collections of medical books were received from physicians of the city, the largest of which were from Drs. Fischkin, Geiger, Goldspohn, Harpel, C. N. Johnson, Murphy, Porter and Ridlon, Wadsworth, and Wensten.

Two collections on insurance were received from Messrs. J. H. Nitchie and C. E. Rollins, one on municipal affairs from the Chicago School of Civics and Philanthropy, one on engineering from the Western Society of Engineers, and more general ones from Mrs. Lewis Watson and the estate of Edgar Sanders.

The Government of New Zealand has very kindly sent their current publications, a welcome addition to the collection of public documents.

Duplicates. The sales of the year amounted to 1,311 volumes and 23 numbers for \$857.35. On priced exchange 599 bound volumes, 665 unbound volumes, 988 pamphlets and 7 numbers, valued at \$572.70, have been sent; 447 bound volumes, 25 unbound volumes, 178 pamphlets, and 28 numbers, valued at \$216.53, have been received. On piece exchange 10 bound volumes, 21 unbound volumes, 235 pamphlets and 53 numbers have been sent; 289 volumes and 8 pamphlets have been received.

Inventory. The seventh inventory has been continued. Nearly double the usual amount of time has been given to it and shelf-numbers 500 to 599 and 700 to 999 have been read, 147 serious misplacements corrected, and 63 books reported not found. As 14 previously reported have now been found the net loss discovered is 49 out of 72,000, or 0.07 per cent. In addition, four books are known to have been taken from the stacks from shelves not read this year. From the Senn Room twelve have disappeared, but two have been found, while from the main Reading Room 22 have been taken. As there are about 8,000 volumes in the two rooms the percentage of loss from the open shelves was 0.27. The total loss discovered in sixteen years is 270, or 0.09 per cent. Twelve cases of mutilation of books have been reported.

The precautions indicated in the last report appear to have checked the theft and mutilation of periodicals. Forty-four numbers have been taken and 34 mutilated as against 78 and 47 in 1911. All but seven of those missing in both years have been replaced.

Binding. On January 1, 1912, there were at the binderies 862 volumes, and 10,413 were sent during the year; 9 were returned as incomplete, and 10,563 bound; leaving 703 at the binderies December 31, 1912. About one-quarter were bound by The Newberry Library. The cost of binding was \$11,489.00, an average of \$1.09 per volume. The cost of shelf-marking the accessions of the year, together with a considerable amount of repairing, inserting book-plates, and similar work, was \$1,329.48.

Catalogues. The Cataloguer reports that during the year 5,382 new titles have been prepared for print; 180 new titles typewritten; 92 titles prepared for print to replace old typewritten titles, and 23 to replace Library of Congress titles; 4,756 titles received from the Library of Congress have been classified for the catalogues; 714 titles have been prepared for the cooperative analysis of serials. The total number of titles treated by the Cataloguer and Classifier and their assistants has been 12,891, an increase of 930 over 1911. The titles reprinted in correction of errors were 47, and for other alterations 939. Cards for 5,901 new titles and 1,005 reprinted titles were received from the printer, electrotypes for 9,065 new titles, and 518 reprinted titles from the electrotypers. The total number of separate titles prepared for print to date is 87,897; of sets of cards received, 86,887; of electrotypes, 53,940.

The number of orders sent to the Library of Congress on triplicate order sheets was 12,601, and reports were received on 12,516, leaving 85 outstanding. There were cards for 2,320 titles on hand January 1, 1912; 6,801 were received during the year, and 18 were taken from the file of those previously withdrawn; cards for 4,948 were used, and for 654 withdrawn from the file, leaving those for 3,537 on hand December 31. Of those withdrawn 596 titles were returned to the Library of Congress and 6 were replaced by reprinted cards. Of the 6,801 titles received, 714 were analytical titles from 315 serial publications. Of the 3,537 titles on hand, 503 are for book orders before 1912, 1,692 for those of 1912, 459 for regular standing orders and 883 for two special analytical orders.

The work of the Library in the co-operative analysis of serials has been continued. It has supplied 714 titles and has received cards for 2,757. Of the titles received, 516 have been

filed in the public card catalogues; one copy of 1,377 filed in the official catalogue; and 632 have been sold.

There have been added 26,340 cards to the classed catalogue, which now contains some 137,300 titles on 355,832 cards, an average of 2.59 cards per title; 17,841 cards have been filed in the author catalogue, which now contains the same 137,300 titles on 243,600 cards, an average of 1.77 cards per title; 982 guides and 3,942 cards have been added to the subject index, which now contains 22,800 guides and 48,300 cards covering 114,200 titles, an average of 0.42 card per title.

The distribution of the cards in the classed catalogue, by departments, is shown in the following table:

		CARDS
DEPARTMENT	1912	TOTAL
General Works	8,902	119,897
Social Sciences	7,377	88,410
Physical Sciences	1,100	25,825
Natural Sciences	2,324	42,148
Medical Sciences	2,870	23,723
Applied Sciences	3,767	55,829
Total	26,340	355,832

Of the 137,300 titles in the public catalogues about 85,400 are on cards printed by the Library, about 41,000 on Library of Congress cards, and about 10,300 on A. L. A. co-operative cards.

There have been added 7,891 cards to the index of government publications, making a total of 59,501 in this index. The index of analytical cards issued by the U. S. Bureau of Education has received 874 cards, and now contains 10,515 cards.

Notwithstanding the unusual obstacles to effective work and the somewhat larger total of accessions, the cataloguing staff has been able to take care of the accessions of the year, to do considerable work, as previously stated, on the arrears in the Department of Medical Sciences, and in the Gerritsen purchase, and also to catalogue summarily the maps of the Ehrenburg purchase. The total number of shelves of arrears of all kinds has been reduced from about 1,290 to about 1,166.

Meetings. The Library has been represented officially by the Librarian and unofficially by six other members of the staff

at the annual meeting of the American Library Association at Ottawa, June 26th to July 2nd; officially by the Librarian at the annual meetings of the National Association of State Libraries and the Special Libraries Association at the same place and time; officially by the Assistant Librarian and unofficially by two other members of the staff at the joint meeting of the Illinois Library Association and the Missouri Library Association at St. Louis, October 24th to 26th; officially by the Librarian at the dedication of the new building of the Education Department of New York, at Albany, October 14th to 17th; and officially by the Librarian or the Cataloguer at the regular meetings of the Council for Library and Museum Extension.

Staff. The following persons have resigned: Miss Ruth Woolman, junior assistant; Misses Alice Brown and Elsebeth Martens and Messrs. Julius Clemens, Jesse T. Grayston and Moe A. Natanson, attendants; August Huntscha and Benjamin Jaffe, pages; William Chappell, assistant janitor. Two pages have been dismissed.

The following have been appointed: Dr. Audrey Goss as Medical Reference Librarian; Miss Lucy A. Curtis and Messrs. C. T. Latter, Helmuth Bay and Hans Kleinert as attendants; William Jaffe, Harry Nosek, Daniel Bauer, Alphonse Comyn and Charles Olson, pages; Nicholas Meyer, assistant janitor.

The following have given temporary service: Mr. R. J. Usher as Reference Librarian; Mr. J. C. Bay as Medical Reference Librarian; Mr. D. A. Hooker as Assistant Reference Librarian; Misses Mabel Eaman, C. B. Touzalin, and K. M. Reed as senior assistants; Misses A. M. Baxter, J. A. Hall, and E. R. Sackett as junior assistants; Miss R. B. Lane as attendant.

The changes in the staff have not been especially numerous but the temporary disturbances due to illness have been extraordinarily so. A long illness of the Reference Librarian made necessary a temporary reorganization of the work, which was further complicated by the breakdown of one of his assistants; but these proved to be only the forerunners of a constantly increasing amount of absence, which culminated in the month of December in no fewer than nine absences for illness, two on leave and two unfilled vacancies. As the whole staff is under 60, it

will be seen that the amount of time lost is proportionately large. Indeed the effect on certain lines of the routine must be more than proportionate, for the direct service to the public must be maintained, if necessary, at the expense of other work.

That the effect has not been greater is due largely to the earnest and faithful work of the staff, for which I would ask the appreciation of the Board.

Respectfully submitted,
CLEMENT W. ANDREWS,

CHICAGO, January 16, 1913.

Librarian.

LIBRARY STATISTICS:.I

RECORD OF ATTENDANCE AND USE FOR 1912

	Jan.	FEB.	Максн	APRIL	May	MARCH APRIL MAY JUNE JULY AUGUST	JULY	August	SEPT.	Ост.	Nov.		DEC. TOTAL	Тотац	IN- CREASE PER CT.
Visitors	14,721	14,883	15,857	13,761	13,077	11,413	11,454	10,544	10,363	13,334	13,502	11,925	14,721 14,883 15,857 13,761 13,077 11,413 11,454 10,544 10,363 13,334 13,502 11,925 154,834 143,858 545 505 610 520 484 457 424 391 415 494 519 459 459 493	143,858	1 2
Calls for Books from Stack	13,430	14,250 570	15,780	12,552	11,830	9,093	9,895	9,398	8,464	12,077	13,781 530	11,712	13,430 14,250 15,780 12,552 11,830 9,093 9,895 9,398 8,464 12,077 13,781 11,712 142,262 139,386 447 570 607 483 483 364 366 348 339 447 530 450 453 447	139,386	; "
om Alcove	2,035	1,620	1,774	1,492	I,447 54	1,258	1,327	1,316	1,399	1,405	1,280	1,431	17,784	19,707	*
Visitors Admitted to Stack	291	311	311 368	373	411	302	296	317	310	351	363	325	373 411 302 296 317 310 351 363 325 4,018 2,460 63	2,460	63

Smallest attendance, 115 on Dec. 25th. Largest attendance, 926 on Mar. 2nd. Smallest number of calls for books, 117 on July 4th. Largest number, 992 on Mar. 2nd.

COMPARISON BY YEARS

*Decrease

						COMER	MISON	COMFARISON BI LEAKS	24							
	1897 9 MOS.	1898	1899	0061	1061	7061	1903	1904	1905	9061	1907	1908	6061	0161	1897 1898 1899 1900 1901 1902 1903 1904 1905 1905 1906 1907 1908 1909 1910 1911 1912	1912
Visitors Daily Average	18,584 80	30,516	34,827	41,697	54,828 175	66,512	76,429	87,494	92,244	101,839	109,677	130,049	134,579	138,353	18,584 30,516 34,827 41,697 54,828 66,512 76,429 87,494 22,244 101,839 109,677 130,049 134,579 138,353 143,858 154,834 493 101,839 109,677 130,049 134,579 138,353 143,858 154,834 101,839 109,677 130,049 134,579 138,353 143,858 154,834 101,839 109,677 130,049 134,579 138,353 143,858 154,834 101,839 109,677 130,049 134,579 138,353 143,858 154,834 101,839 109,677 130,049 134,579 138,353 143,858 154,834 101,839 109,677 109,834 101,839 109,677 109,834 101,839 109,677 109,834 101,839 109,677 109,834 101,839 109,677 109,834 101,839 101,839 101	154,834
Calls for Books from Stack Daily Average	6,995	15,367	18,890	23,996	32,193 103	39,606 127	50,264	59,561	67,386	113,565	104,435	108,662 346	107,006	124,819 399	6,995 15,367 18,890 23,996 32,193 39,606 50,264 59,561 67,386 113,565 104,435 108,662 107,006 124,819 139,386 142,262 124,819 139,386 142,262 124,819 139,386 142,262 124,819 139,386 142,262 124,819 139,386 142,819 142,819	142,262 453
Calls for Periodicals from Meove 3,864 7,213 8,013 8,667 9,741 12,250 13,264 15,178 15,472 14,722 17,449 20,980 20,261 19,990 19,707 17,784 Daily Average 17 23 26 28 31 39 42 48 50 47 56 67 65 67 65 64 63 57	3,864	7,213	8,013	8,667	9,741	12,250	13,264	15,178	15,472	14,722	17,449	20,980	20,261	19,990	19,707	17,784
Visitors Admitted to Stack		656	1,017	1,019	1,046	1,167	1,193	1,608	1,681	1,690	1,944	2,671	2,437	2,430	359 656 1,017 1,019 1,046 1,167 1,193 1,608 1,608 1,609 1,944 2,671 2,437 2,430 2,460 4,018	4,018
Volumes in Library. 29,141 43,061 55,223 65,645 76,432 89,219 103,291 123,018 142,971 197,440 215,144 232,403 251,281 268,153 286,829 307,350	29,141	43,061	55,223	65,645	76,432	89,219	103,291	123,018	142,971	197,440	215,144	232,403	251,281	268,153	286,829	307,350
	_							-								

LIBRARY STATISTICS: II

						ACCE	ACCESSIONS		å		¢		
Subjects		ORI	ORDERS		Vor	VOLUMES	PAMP	PAMPHLETS	T ER	FERIODICALS	KEC	KECORDED USE	SE
	ĭ	1912	To	Total	1912	Total	1912	Total		1912		1912	
	Vol.	Est. Cost*	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost	Books	Period-	Stack
UNCLASSIFIED	53	\$ 12	55,932	\$58,371	172	16,035	1 1 1 1	34,520	1 1 1		884	1	;
	120	921	2 220	0,00		2011	200	200	=		, 070	22	2
Dibliograph:	2 6	20,7	4,000	25.5	2 6	6,130	5	5,00,0	: :		2,9/0	2 2	71
1 Dionography	2,0	200	1,773	1.825	200	200,0	169	217,1	5	402 6/	711,1	140	4
3 Cyclopedias	88	III	1,383	2,765	689	1,409	1	14	2		303	:	·
_	н	7	335	986	17	362	1 1	. 4	1	1 1 1	307	!	1
5 General Periodicals	30	38	3,325	4,130	636	5,850	147	540	117	306 75	4,966	3,818	6
	410	828	4,835	14,216	458	060'9	'n	72	120	286 84	1,961	22	13
7 Exhibitions and Museums	40	140	1,472	1,722	57	1,518	34	378	50		279	14	4
	16	112	1,927	2,716	92	2,010	53	170	17		394	85	61 (
	175	204	2,149	2,799	312	2,502	9	231	42		4,361	112	×
40 Philology	လ္	46	, 991	1,965	89	986	22	8,	1 (1	540	:	-
	497	1,150	6,361	13,198	573	7,859	163	1,631	∞	9 22	3,777	1	17
91 Cartography	2	100	1,710	3,005	199	2,952	104	200	31		60 8	132	34
	1,833	\$3,749	33,070	\$67,911	3,370	41,485	656	10,466	265	\$1,364 89	22,286	4,506	109
II.—Social Sciences:													
17 Ethics	40	\$ 26	1,225	\$ 1,065	117	1,337	119	579	∞	\$ 5 20	1,341	56	1
	36	28	607	872	79	816	174	895	7	01 1	1,054	39	-
	111		3,909	4,403	292	3,558	168	449	59		4,083	500	183
	322	484	2,869	3,717	389	3,166	50	82	44		635	7	7
32 Political Science	385	523	2,872	3,583	487	4,933	566	266	91		2,332	75	22
• •	1,474	1,498	11,491	11,304	1,490	13,935	1,383	5,308	193	324 08	8,368	1,111	51
34 Law	172	305	1,831	3,683	399	2,703	124	479	13		1,542	8	٥
Documents)	246	1.027	10.332	11.012	1.447	22 607	308	1 887	76		2.881	2	2.1
36 Associations and Institutions.	304	521	3,213	3.180	620	1923	604	1.887	2,0		2,303	125	0
Education	1,050	1,294	7,950	7,059	1,053	10,692	682	5,186	152	123 59	4,081	20,	25
38 Commerce and Communica-													
tion tions Folklore etc	386	416	2,658	3,366	334	4,648	8 5	874	67	74 90	1,622	431	72
		4.39	1,26,1	4,000	107	3,1	5	3	2	1/ 14	2,000	7	2
	5,420	\$ 0,007	50,478	55,142	0,898	75,852	4,448	19,287	713	\$1,104 58	32,228	2,305	430

* To nearest dollar.

		6				ACCESSIONS	SIONS						
Subjects		2	DEKS		Vol	VOLUMES	PAMPHLETS	LETS	LEK	FERIODICALS	LEC	NECORDED USE	JSE
		1912	To	Total	1912	Total	1912	Total		1912		1912	
III.—PHYSICAL SCIENCES:	Vol.	Est.Cost	Vol.	Est.Cost	No.	No.	No.	No.	No.	Cost	Books	Perrod-	Stack
S	215	\$ 1,022		\$ 7,925		4,056	56	%I .	39		650	3	01
51 Mathematics	135	569	3,304	7,233	162	3,746	25	124	9	99 8ii		46	85
52 Astronomy	147	338		7,873		3,980	37	285	41			31	m
	487	545		10,479		7,208	III	851	89			856	372
54 Chemistry and Mineralogy	961	330	5,788	10,214		6,164	163	731	50	432 51		168	117
Water School Williams	1,180	\$ 2,504	23,063	\$43,724	1,308	25,154	419	2,171	238	\$ 963 85	14,073	1,131	287
• :	395	\$ 766	5,717	9	592	6,523	357	1,041	108		1,878	25	82
56 Palæontology	25				69	742	7	8	9	52 77		6	∞
57 Blology and Natural Sciences				200 90	0	0000	7		601				i
rs Botan	545			20,305	590	0,930		425	107			33	₹.
so Zodlogy	270	1,263	5,43/ 8.136	34.831	381	8,330	104	2/9	132	1.038 14	3,008	274	\$ &
3	1,516	\$	1,4	\$92,313	1,960	30,019	580	2,865	525		<u> </u>	130	317
VMEDICAL SCIENCES	2,918	\$ 3,336	70,880	\$95,507	3,423	59,943	2,135	18,885*	299	\$2,103 67	16,359		944
VI.—APPLIED SCIENCES:	121	\$ 256	4,625	\$ 9,655	303	6,764	82	467	83			1,908	292
63 Agriculture	406	551	7.586	7,073	910	9,614	34/	2,018	122	010 33	<u>-</u>	3,0//	332
64 Domestic Economy	164	147	1,688	1,527	163	1,808	49	239	11				17
65 Trade and Transportation	365	497	6,183	8,864	432	296'9	156	1,176	28				132
67 68 Manufactures and Trades	243	558	4,297	8,704	247	5,100	28	200	7.7				300
69 Building	102	176	1.843	3.156	113	2,165	3,8	310	; ç				è °
71 Landscape Gardening	48	22	740	1,173	45	845	32	331	0				. 61
72 Architecture	49	261	1,214	3,762	107	1,803	<u>8</u>	110	27				2
73-76 Drawing, Design, etc.	95	490	1,684	5,477	2 &	1,787	15	109	% [16 36	2,395		4
	2,560	\$ 4,624	14	\$77,904	1 -	58,862	$\overline{}$	8,069	758	\$1,791	4	10	1,631
Total	15,480	25,275	308,276	490,872		307,350	9,946	96,263	3,493†	9,501 96		17,784	4,018
*Includes Senn Collection, 5,741.								†By Gift 852	ít 852.				

LIST OF DONORS IN 1912

Volumes or Pamphlets.	Volumes or Pamphlets.
Aarhus, Statsbiblioteket, Aarhus,	Albany Medical Annals, Albany,
Denmark 2	N. Y
Aberdeen University, Aberdeen,	N. Y I Albany Medical College, Albany,
Scotland 4	N. Y 2
Abt, Dr. Isaac A., Chicago, Ill 3	Albendin, Antonio, Ronda, Spain. 10
Academia de Sciencias de Portugal,	Alberta, Dept. of Agriculture,
Lisbon, Portugal 6	
Academia Polytechnica do Porto,	Alberta, Dept. of Education,
C:I D	
Academy of Science of St. Louis,	Alberta, Dept. of Public Works,
	73.7
St. Louis, Mo I	
Academy of the New Church, Bryn	Allegheny College, Meadville, Pa 3
Athyn, Pa 5	Allegheny Observatory, Allegheny,
Adams, Charles Francis, Boston,	Pa 9
Mass I	Alvord & Burdick, Chicago, Ill i
Adams, Dr. Charles, Kenilworth, Ill. 43	Amalgamated Association of Street
Adams, Dr. Henry, Washington,	and Electric Railway Employes
D. C 1 Adams Nervine Asylum, Boston,	of America, Detroit, Mich I
Adams Nervine Asylum, Boston,	Amalgamated Copper Co., New
Mass I	York, N. Y
Adelaide, Chamber of Commerce,	American Academy of Ophthal-
Adelaide, South Australia I Aeronautic Society, New York,	mology and Oto-Laryngology, Chicago, Ill
Aeronautic Society, New York,	Chicago, Ill I
N. Y 7	American Anti-Boycott Associa-
Agassig, Garnautt, Boston, Mass I	tion, New York, N. Y I
Agricultural Organization Society,	American Antiquarian Society,
London, Eng 2	American Antiquarian Society, Wor ester, Mass
Air Line News, Chicago, Ill I	American Architect, New York,
Alabama Agricultural Experiment	N. Y
Station, Auburn, Ala 14	American Association for the
Alabama, Dept. of Education,	Advancemement of Science,
Montgomery, Ala 1	Washington, D. C I
Alabama, Dept. for the Inspection	American Association for the Con-
of Jails, Alms Houses, Cotton	servation of Vision, New York,
Mills, Factories, etc., Mont-	$N. Y. \dots 4$
gomery, Ala I	American Association of Genito-
Alabama Geological Survey, Mont-	Urinary Surgeons, New York,
gomery, Ala	N. Y
Alabama Great Southern Railroad	American Association for Highway
O 37 77 7 37 77	Improvement, Washington, D.C. 1
Alabama, Secretary of State, Mont-	American Association for Labor
gomery, Ala 1	Legislation, Madison, Wis I
Alabama, State Board of Health,	American Association of Obstetri-
3.6	
Alabama, State Game and Fish	cians and Gynecologists, Cin- cinnati, O I
Commissioner, Montgomery,	cinnati, O
	New York, N. Y 8
Alabama, State Tax Commission,	American Bison Society, Groton,
16	
	Mass I American Boiler Manufacturers'
Alabama, Supt. of Banks, Montgomery, Ala I	Association of U. S. and
gomery, Ala I Alaska, Governor, Juneau, Alaska. I	0 1 0 1 1 0
Albany, Chamber of Commerce,	American Book Company, Chicago,
Albany, N. Y 3	<i>Ill</i> I

Volumes or	Volumes or
Pamphlets.	Pamphlets.
American Brewers' Review Co., Chicago, Ill 1	American Mining Congress, Wash- ington, D. C 4
American Bridge and Building As-	American Museum of Natural His-
sociation, Chicago, Ill I	tory, $New York$, $N. Y.$ 4
American Canoe Association, New York, N. Y	American National Live Stock Association, Denver, Colo
York, N. Y I American Chemical Society, Chi-	American National Red Cross As-
cago, Ill 2	sociation, Washington, D. C 1
American Civic Association, Wash-	American Newspaper Publishers As-
ington, D. C 1 American Climatological Associa-	sociation, <i>Ĉĥicago</i> , <i>Ill</i> I American Opthalmological Society,
tion, Hot Springs, Va I American Colortype Co., Chicago,	Philadelphia, Pa 1
American Colortype Co., Chicago,	American Osteopathic Association,
American Embassy Association, New York, N. Y	Detroit, Mich
New York, N. Y I	York, N. Y
American Emery Wheel Works,	York, N. Y
Providence, R. I	tion, Columbus, O
American Foundrymen's Association, Watchung, N. J 3	American Photo-Engraver, Chicago, Ill
American Free Trade League, Bos-	Ill
ton, Mass	N. Y I
American Homœopathic, Ophthal- mological, Otological and La-	American Proctologic Association, Philadelphia, Pa
ryngological Society, Worcester,	American Protective Tariff League,
Mass I	New York, N. Y
American Humane Association, Al-	American Public Health Association, Washington, D. C 1
bany, N. Y	American Railway Association, New
Washington, D. C 4	York, N. Y 5
American Institute of Electrical	American Railway Engineering As-
Engineers, New York, N. Y I American Institute of Metals, Buf-	sociation, Chicago, Ill I American Real Estate Company,
$falo, N. Y. \dots I$	New York, N. Y
American Institute of Mining En-	American School of Correspondence,
gineers, New York, N. Y I American Iron and Steel Associa-	American School of Home Eco-
tion, Philadelphia, Pa 2	nomics, Chicago, Ill
American Jewish Committee, New	American Seating Company, Chi-
York, N. Y	American Sewage Disposal Co., Bos-
American Journal of Orthopedic Surgery, <i>Philadelphia</i> , <i>Pa</i> I	ton, Mass 6
Surgery, Philadelphia, Pa I American Journal of Veterinary	American Society for the Judicial
Medicine, Chicago, Ill I	Settlement of International Dis-
American Laryngological Association, New York, N. Y	putes, Baltimore, Md I American Society of Engineer-
American Laryngological, Rhino-	ing Contractors New York
logical and Otological Society,	N. Y
New York, N. Y I American Locomotive Company,	American Society of Heating and
New York, N. Y 23	York, N. Y 2
American Lumber Co., Chicago, Ill. 1	American Society of Mechanical
American Lumberman, Chicago, Ill. I	Engineers, New York, N. Y I
American Marine Engineer, New York, N. Y	American Society of Metaphysics, New York, N. Y
American Mathematical Society,	American Society of Refrigerating
New York, N. Y I	Engineers, New York, N. Y I
American Medical Association, Chi- cago, Ill948	American Steam Pump Company, Battle Creek, Mich
American Medico-Psychological As-	American Steel and Wire Co., Chi-
sociation, Binghamton, N. Y I	cago, Ill 4

Volumes or Pamphlets.	Volumes or
American Sugar Refining Co., New	Pamphlets. Arkansas Geological Survey, Little
York, N. Y	Rock, Ark I Arkansas, Secretary of State, Little
cago, Ill 3	Kock. Ark 3
American Surgical Association, St. Paul, Minn	Armour Institute of Technology,
American Telephone and Telegraph	Arnold, Bion J., Chicago, Ill
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Buenos Aires, A. R	delphia, Pa I Association of Collegiate Alumnæ,
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ciation, $\hat{P}hiladelphia$, $\check{P}a$ 7	Becquerel, Jean, Paris, France
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bany, N. Y 3	on the Conservation of Water,
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$ark. N. J. \dots I$	Ill
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Wyo 4 Wyoming, State Commissioner of	Chicago, Ill
Taxation, Cheyenne, Wyo 3	ciation, Chicago, Ill I
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Yale Peruvian Expedition, New Haven, Conn	Switzerland I Zymotechnic Institute, Chicago, Ill. 4

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REGULATIONS

The Library is a free public reference library, open to readers every day, excepting Sundays, from 9 A. M. to 10 P. M.

Satchels, suit cases, bags, etc., must be checked in the Cloak Room. Outer garments, umbrellas, and packages may be, and in wet weather must be, so checked. No charge is made for the service. The Library will not hold itself responsible for unchecked articles nor for any articles left over night.

Books shelved in the Reading Room and in the Senn Room, except as noted below, may be consulted without formality, but after use are to be left on the tables, instead of being replaced on the shelves.

Current periodicals, except those on the Medical Sciences, may be consulted within the periodical alcove, and may be obtained for use at the tables in the Reading Rooms by presenting at the periodical desk serial call-slips properly filled out. Current medical periodicals are shelved in the Senn Room and may be consulted there.

Books not shelved in the Reading Rooms may be obtained by presenting to the Delivery Clerk book call-slips properly filled out. These books are to be returned to the delivery desk.

Persons engaged in special research, if satisfactorily vouched for, may be admitted to the Stack Rooms. Application for this privilege should be made to the Reference Librarians. All books used under this provision are to be left on the tables in the Stack Rooms.

Books not suitable for general use may be consulted only upon registration and statement of satisfactory reasons, and those of great value or rarity only in the presence of an attendant.

Writing or marking in books belonging to the Library, their mutilation in any manner, and their removal from the Library, are forbidden. The tracing of plans will be permitted if done over a celluloid cover, but not otherwise. The covers will be furnished upon application at the delivery desk.

The officials of the Library are authorized to exclude any person of unseemly behavior or appearance, and any one wilfully violating its regulations.

The Reference Librarians, in charge of the Reading Rooms, will give assistance in the use of the library.

PUBLICATIONS IN PRINT

No bills are rendered. Orders should be accompanied by postal money order or stamps.

Annual reports. First to eighteenth for the years 1895-1912. Chicago 1897-1913. Sent gratis on request.

The First report contains Record of Organization; the Second, Memorial of Edson Keith; the Fourth, By-laws of the Corporation; the Fifth, Memorial and portrait of Norman Williams; the Sixth, Memorial and portrait of Huntington W. Jackson; the Seventh, Act and Ordinance authorizing the Library to erect and maintain a free public library on the Lake Front Park; the Ninth, "Act concerning free public libraries in public parks"; the Eleventh, Memorial and portrait of Marshall Field, and "Ordinance concerning The John Crerar Library"; the Thirteenth, Memorials and portraits of Albert Keep and Dr. Nicholas Senn; the Fourteenth, By-laws of the Corporation; the Fifteenth, Report of the Special Committee on Site.

Printed catalogue cards for the titles of all books in the Library. Prices on application.

A list of current periodicals in the Reading Room, June, 1902. Chicago 1902. 97 p. Price 10 cents; by mail 15 cents.

A list of books on industrial arts, October, 1903. Chicago 1904. 249 p. Price 20 cents; by mail 30 cents.

A bibliography of union lists of serials. Chicago 1906. 28 p. Price 5 cents; by mail 10 cents.

A list of books exhibited December 30, 1907—January 4, 1908, including incunabula and other early printed books in the Senn Collection. Chicago 1907. 32 p. Price 5 cents; by mail 10 cents.

A list of books in the Reading Room, 1909. Chicago 1909. viii, 488 p. Price 25 cents; by mail 50 cents.

A list of current medical periodicals and allied serials, December, 1909. Chicago 1910. 25 p. Price 5 cents; by mail 10 cents.

Handbook, 1910. Chicago 1910. 16 p. Sent gratis on request.

A list of books on the history of science. Chicago 1911. 10, 297 p. Price 25 cents; by mail 40 cents. C5324R

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THE

JOHN CRERAR LIBRARY

NINETEENTH ANNUAL REPORT

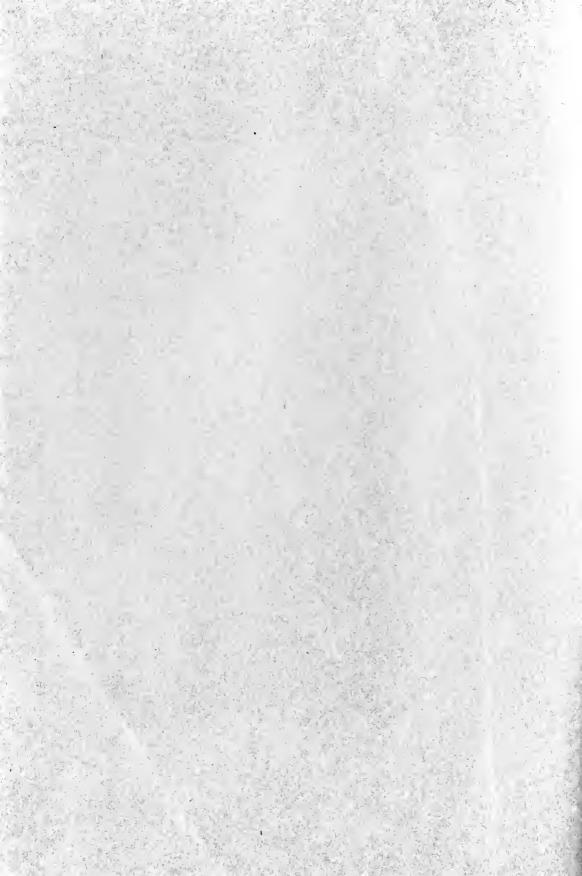
FOR THE YEAR

1913



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
1914

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JOHN CRERAR LIBRARY

NINETEENTH ANNUAL REPORT

FOR THE YEAR

1913



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
1914



OFFICERS, 1914

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MARVIN HUGHITT

First Vice-President THOMAS D. JONES

Second Vice-President ROBERT FORSYTH

Secretary
LEONARD A. BUSBY

Treasurer
WILLIAM J. LOUDERBACK

Librarian
CLEMENT W. ANDREWS

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CHAUNCEY KEEP
FREDERICK H. RAWSON

ALBERT H. SPRAGUE II

CARTER H. HARRISON, Mayor of Chicago, ex-officio JOHN E. TRAEGER, Comptroller of Chicago, ex-officio

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CHAUNCEY KEEP

MARVIN HUGHITT

Administration

E. W. BLATCHFORD

LEONARD A. BUSBY

FREDERICK H. RAWSON

Buildings and Grounds

JOHN M. CLARK

ROBERT FORSYTH

THOMAS D. JONES

CHAUNCEY KEEP, associate member

Books

Frank S. Johnson

THOMAS D. JONES

ROBERT FORSYTH

DIRECTORS, 1894—1913

NORMAN WILLIAMS	-		-		-		-		-	1894-1899*
HUNTINGTON W. JACKS	ON			-		-		-		1894-1901*
MARSHALL FIELD	-		-		-		-		-	1894-1906*
E. W. BLATCHFORD -		-		-		-		-		1894—
T. B. BLACKSTONE	-		-		-		-		-	1894-1899†
ROBERT T. LINCOLN -		-		-		-		-		1894—
HENRY W. BISHOP	-		-		-		-		-	1894-1913*
EDWARD G. MASON -		-		-				-		1894—1895†
ALBERT KEEP -	-		-		-		-		-	1894-1907*
EDSON KEITH		-		-		-		-		1894—1896*
Simon J. McPherson	-		-		-		-		-	1894-1899†
JOHN M. CLARK		-		-		-		-		1894—
GEORGE A. ARMOUR	-				-		-		-	1894-1899†
Frank S. Johnson -		-		-		-		-		1896—
PETER STENGER GROSSO	CUE	•	-		-		-		-	1897—
ARTHUR J. CATON -		-		-		-		-		1900-1904*
Marvin Hughitt -	-		-		-		-		-	1900-
THOMAS D. JONES -		-		-		-		-		1900-
JOHN J. MITCHELL -	-		-		-		-		-	1900
LEONARD A. BUSBY -		-				-		-		1901—
Robert Forsyth -	-		-				-		-	1905—
CHAUNCEY KEEP -		-		-		-		-		1906—
Frederick H. Rawson			-		-		-		-	1908—
Albert A. Sprague II		-		-		-		-		1914—
*Deceased										+Resigned

OFFICERS, 1895–1914

Presidents

NORMAN WILLIAMS -	-		-		-		-	1895-1899
HUNTINGTON W. JACKSON		-		-		-		1900-1901
PETER STENGER GROSSCUP	• -		-		-		-	1901-1913
MARVIN HUGHITT		-		-		-		1914—
First Vid	e-I	p_{re}	sic	len	ts			
EDWARD G. MASON		-				-		1895
HUNTINGTON W. JACKSON	-		-		-		-	1896—1900
PETER STENGER GROSSCUP	,	-		-		-		1900-1901
HENRY W. BISHOP -					-		-	1901-1910
THOMAS D. JONES		-		-		-		1911—
Second V	ice-	P_{I}	esi	ide	nt:	s		
Marshall Field	-		-		-		-	1895—1899
PETER STENGER GROSSCUP		-		-		-		1899-1900
HENRY W. BISHOP -	-		-		-		-	1900-1901
THOMAS D. JONES		-		-		-		1901-1911
ROBERT FORSYTH	-		-		-		-	1911—
C								
Sec	ret	ari	es					
George A. Armour -		-		-		-		1895-1900
ARTHUR J. CATON -	-		-		-		-	1900-1904
LEONARD A. BUSBY		-		-		-		1905—
Tre	asi	ure	r					
WILLIAM J. LOUDERBACK					_		-	1895—
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Lib	rai	ria	n					
CLEMENT W. ANDREWS	-	-		-		-		1895—

LIBRARY STAFF, 1914

Librarian	Edward D. Tweedell Aksel G. S. Josephson J. Christian Bay* J. Christian Bay* D. Ashley Hooker Mary E. Hawley Gertrude Forstall Grace Kelley*
Senior Assistants	
EDITHA C. PHELPS SARAH S. DICKINSON CHARLOTTE H. FOYE ELIZABETH MONTROSS JENNIE A. HULCE WILLIAM TEAL WILLIAM A. BRENNAN HARRIET E. PENFIEI	GENEVIEVE DARLINGTON MARGARET FURNESS ALPHA L. OWENS ELSA NEIGLICK MABEL HAYWARD MABEL EAMAN ETHEL M. WIGHT D*
Junior Assistants	
CORNELIA C. WHITE MARY B. HIBBARD ALBERTA M. WHIDDEN HELEN D. BROWN HENRY BAHNSEN ELIZABETH E. WILS	A. FREDERIC GRONBERG MARGERY C. COOPER MARY L. REIDER EVA W. GRAVES EDSON A. FREEMAN ON
Attendants	
JOHN A. KRAUTH ELSEBETH MARTENS LUCY A. CURTIS MILTON A. BROWN D. J. PORTO	Noah Fox William Jaffe Max Deitenbeck A. N. Jacobson Carlyle Peek
Pages	
ALPHONSE COMYN HENRY EVERAERT GEORGE FLECK	MEYER RICHMAN CHARLES SCHMIEGE
Janitor	
William J. Jones	
Assistant Janitors	
August Carlson	NICHOLAS MEYER
* Provisional	

REPORT OF THE PRESIDENT

To the Governor of Illinois:

In accordance with the provisions of an act entitled "An Act to encourage and promote the establishment of free public libraries in cities, villages, and towns of this state," approved June 17, 1891, under which this corporation is organized, the Directors of The John Crerar Library submit their nineteenth annual report for the year 1913.

By the death of Henry W. Bishop, on September 28th, the Board has lost another of the members named by Mr. Crerar. It is now composed of the following persons: E. W. Blatchford, Robert T. Lincoln, John M. Clark, Frank S. Johnson, Peter Stenger Grosscup, Marvin Hughitt, Thomas D. Jones, John J. Mitchell, Leonard A. Busby, Robert Forsyth, Chauncey Keep, and Frederick H. Rawson, together with Carter H. Harrison, Mayor of Chicago, and John E. Traeger, Comptroller, ex-officio members.

The officers of the Library are as follows: President, Peter Stenger Grosscup; First Vice-President, Thomas D. Jones; Second Vice-President, Robert Forsyth; Secretary, Leonard A. Busby; Treasurer, William J. Louderback; Librarian, Clement W. Andrews.

At the meeting of the Board on November 20th Messrs. Holabird and Roche of Chicago were appointed architects of the Library, to consider the various suggestions which have been made for the utilization of the site recently acquired and to draw plans to be submitted to the Board.

The additional space secured in the Marshall Field and Company Building has been equipped and occupied.

In order to avoid unnecessary duplication with the Art Institute of Chicago, the Board at its last annual meeting modified its action of 1895 in establishing a department of architecture, and decided not to purchase such works on the subject as are of interest chiefly to architects.

On November 14th a fire in the Supply Room of the Library caused a monetary loss of about \$6,000, which was fully covered

by insurance. This and other unfortunate circumstances seriously deranged the routine work and have made the growth of the Library smaller than usual, but the use has continued to increase. It now contains 322,049 volumes, 3,801 maps and plates, and some 105,000 pamphlets. It receives currently 3,466 periodicals and 11,656 other serial publications. The total use was about 522,000 books and periodicals, and the recorded attendance was 157,893. For further details reference is made to the appended report of the Librarian.

The report of the Treasurer, also appended, presents the statement of the income and expenditure for the year 1913, together with a statement of the assets and investments, as required by law.

Respectfully submitted,

PETER STENGER GROSSCUP,

President.

Chicago, January 5, 1914.

REPORT OF THE TREASURER

STATEMENT OF FINANCES FOR YEAR 1913

CASH

Cash on hand January 1, 1913: In bank \$ 154.73 Librarian, petty cash 129.02	\$	283.75
RECEIPTS		
Collections account income \$ 215,463.29		
Huntington W. Jackson Fund, income - 40.00		
Henry Gradle Memorial Fund, income - 50.00		
Bills Collectable 9,052.02		
Investments:		
Bonds 75,000.00		
Stocks 26,023.37		
Farm Mortgage Loans 29,900.00		355,528.68
	\$	355,812.43
DISBURSEMENTS		
Audited Vouchers \$ 184,690.64		
Notes Payable 135,000.00		
Interest 9,965.80 Investments:		
Bonds <u>3,053.61</u>	\$	332,710.05
Cash on hand December 31, 1913: In bank \$ 22,892.62 Librarian, petty cash 209.76	\$ =	23,102.38

OPERATION

	12	NCOME		
General: Bonds		\$108,133.40 42,638.80 49,177.08 14,168.34 16,625.00 270.88	\$ 231,013,50 40.00 2,130.50	\$ 233,184.00 9,965.80
				\$ 223,218.20
	EX	KPENSE		
Less Sales Transportation, Postage Sundries Ins. on Books & Fixtures Less Unearned Prem. Books:	\$ 6,556.17 410.86 4,457.45 1,925.12	\$ 35,102.42 59,094.75 2,690.13 6,145.31 1,638.84 1,944.84	\$ 109,148.62	
Less Sales Periodicals Binding Lettering, Repairs -		\$ 23,670.50 10,662.23 10,854.35 1,546.07	\$ 46,733.15	
Buildings and Grounds: Repairs Depreciation Taxes, 1913 (Estimated) Insurance on Buildings Less Unearned Prem. Sundry Expenses	\$ 2,070.02 1,058.40	\$ 2,853.13 3,035.10 10,500.00 1,011.62 331.06	\$ 17,730.91	\$ 173,612.68
Surplus for year 1913		-		\$ 49,605.52

ASSETS AND LIABILITIES

ASSETS

Bonds	-	-	-	-	\$2,409,390.48					
Stocks	-	-	-	-	582,373.05					
Real Estate	-	-	-	-	1,080,000.00					
Mortgage Loans	-	-	-	-	475,000.00					
Farm Mortgage Loans -	-	~	-	-	259,755.00					
Furniture and Fixtures	-	-	-	-	27,315.94					
Book Investment		-	-	-	494,314.71					
Accounts Receivable	-	-	-	-	14,855.00					
Bills Collectable	-	-	-	-	2,560.31					
Unexpired Insurance	-	-	-	-	9,630.80					
Medical Library Purchase Susp	ense	-	-	-	14,000.00					
Cash	-	-	-	-	23,102.38					
Total	-	-	-	-		\$5,392,297.67				
LIABILITIES										
Endowment Fund	-	-	-	-	\$3,500,000.00					

Building Fund	-			-		-		-	1,092,213.89
Book Fund	-		-				-		494,314.71
Security Reserve Fund -				-		-		-	168,819.91
Huntington W. Jackson F	und	-	-		-		-		1,000.00
Henry Gradle Memorial I	Fund		-	-		-		-	3,000.00
Henry Gradle Memorial I	fund,	inc	ome		-		-		92.86
Book Purchase Reserve	-		-	-		-		-	2,356.30
Reserve for Taxes (1913)	-		-		•		-		10,500.00
Notes Payable	-		-	-				-	1 20,000.00
Total	-	-	-		-		-		\$5,3

\$5,392,297.67

In accordance with the instructions of the Board of Directors, the Building Fund has been increased by the amount of the surplus for the year, \$49,605.52, less the eighth annual charge of \$7,000.00 against the Medical Library Purchase Suspense Account, making a total to the credit of the Building Fund of \$1,092,213.89.

The Book Fund has been increased by the amount of the investment during the year, less depreciation, and now stands at \$494,314.71.

The income of the Huntington W. Jackson Fund has been expended for books.

In accordance with the vote of the Board the Henry Gradle Fund has been increased by \$1,000.00, the amount realized from the sale of the duplicates, making a total of \$3,000.00 in this fund. It has been invested, and the income will be spent for medical periodicals.

Insurance is in force covering the property of the Library in amounts as follows:

Books		-		-	\$404,000.00
Portraits, Furniture, Fixtures, Et	tc.		-		30,000.00
Type and Cases		-		-	5,000.00
Buildings	-		-		195,000.00
Boilers		-		-	20,000.00
Plate Glass (by premium only)	-		-		
					\$654,000.00

WM. J. LOUDERBACK,

Treasurer.

CHICAGO, January 15, 1914.

To the Board of Directors of The John Crerar Library.

Dear Sirs:—We have audited the books and accounts of The John Crerar Library for the year ending December 31, 1913; have examined and priced all securities (other than farm mortgages) which we found to have an aggregate market value largely exceeding the book value; and have verified the cash on hand and in banks.

We accordingly certify that, in our opinion, the attached statements truly exhibit the cash receipts and disbursements and the operating income for the said year, and the assets and liabilities at its close.

THE AUDIT COMPANY OF NEW YORK,

Howard Kroehl, Western Manager.

CHICAGO, MARCH 5, 1914.

REPORT OF THE LIBRARIAN

To the Board of Directors of The John Crerar Library: Gentlemen:—Disturbing alterations in the rooms, a serious fire, and the illness or resignation of several members of the staff have combined to make the amount of routine work accomplished decidedly less than in previous years and have hindered the development of the resources of the Library. On the other hand the efforts to prevent this combination from affecting the direct service to the public would appear to have been successful, for the records show a moderate increase in the attendance and a more noticeable increase in the use.

Scope. The character of future additions to the collection on architecture will be altered greatly by the decision of the Board to omit those works which are of interest chiefly to architects. There need not be any diminution in the number, however, for there will be more than enough material of interest to other classes of readers to utilize profitably the available appropriations. The Library should be made especially strong in works for the structural engineer and it might well be better equipped to meet the demands for more popular reading. Although there has been no formal agreement between the three libraries it is understood that the Newberry Library will emphasize the general and historical aspects of the subject rather than the professional.

Rooms. Owing to unforeseen conditions the additional space on the fifth and sixth floors, received in return for the Board's consent to the closing of the alley on the west, was not placed at the disposal of the Library until May 1st instead of on December 1st, 1912, as promised. The necessary alterations and equipment had been ordered and were completed during the summer. These changes should make it possible to take care of the collections until the summer of 1916, though not without considerable discomfort. The capacity of the stacks will be taxed to the limit and neither the lighting nor the ventilation of the working space is as satisfactory as before.

On the morning of November 14th the Library suffered a serious loss from a fire in the Supply Room, in which the books going to and coming from the binderies are prepared and checked. Without doubt it started at the switch for the electric lights and most probably was due to strains produced by the settling of the building. This caused also cracks in the partitions which allowed the smoke and heat to penetrate the adjoining Directors' Room, but the fire itself hardly touched anything outside the room. Within it the destruction was practically complete. Only one bottle of ink and a silk apron were entirely undamaged, while of the desks, table, cabinets, book trucks and chairs nothing but the metallic parts was found, and of the chandelier nothing. On the other hand, the wood floor was burned in only one place and most of it was not even scorched, showing that the cork carpet had acted as an almost perfect insulator.

The total loss has been estimated at \$6,064.20, divided as follows: 317 volumes and pamphlets, \$1,366.20; bindings, \$73.00; supplies, \$2,000; furniture and fixtures, \$750.00; damage to paintings, decorations, walls, etc., \$1,250; replacing records, \$125.00; labor and other incidental expenses, \$500.

Of the volumes and pamphlets destroyed over one half were parts of sets obtained by purchase at a very considerable cost, one volume alone having cost \$160; many of the remainder were similar material received as gifts; quite a number were from the Gerritsen purchase. Some of them cannot be replaced, but it is hoped that the proportion of these will not be large.

Department of Medical Sciences. The appointment of Dr. Audrey Goss as Medical Reference Librarian was followed altogether too soon by her resignation. No applicant has combined medical and library training, and as an experiment Mr. J. Christian Bay, 'Classifier of the Library, has been appointed temporarily to the position. Mr. Bay's scientific training has been thorough and his bibliographical knowledge is extensive, but it may prove that a medical education is absolutely necessary.

Again considerable progress has been made in recataloguing the material still under the Newberry classification. All sets of periodicals except the very incomplete ones have been treated and the shelves occupied by this material have been reduced from 273 to 216. Some of the Senn Collection and more of the

Gradle gift and the Martin purchase have been catalogued, and the uncatalogued portion of all these reduced to 230 shelves.

Special Collections. From the proceeds of its special fund seven titles have been added to the Huntington W. Jackson Collection on Constitutional Law, which now contains 726 titles, of which 80 have been purchased from the fund.

The Senn Collection on the Medical Sciences is still in process of adjustment.

The duplicates in the Gradle Collection on the Eye and Ear have all been sold for \$1,000. This sum has been added to the fund, which now amounts to \$3,000. The investment was made so late in the year that no purchases have been made as yet. In 1914 and future years the income, \$150, will be spent for periodicals on the subjects of the collection.

The greater part of the books in the Chanute Collection on Aviation have been reclassified and catalogued and about one third of the 2,000 pamphlets and 2,000 clippings have been treated.

At the suggestion of one of the staff and with the approval of the Committee on Books a small collection of 40 of the best books for boys and young men was formed for the use of the pages and attendants. The results have been reasonably satisfactory, but if it is to be as successful as desired each new page will have to be shown its advantages by personal efforts.

Routine. The cameragraph mentioned in the last report has been replaced by the makers, without expense to the Library, by one of their new "duplex" machines, which prints on both sides of the sensitized paper at once. It is also more substantial and durable. Statistics of its use are given later.

The question of an economical reprinting of titles, for additional cards and in the bulletins, is still undecided. The price of electrotypes was increased in the spring so materially that their preparation, except for such titles as would probably be used in the bulletins now in preparation or contemplated, was again given up. It is thought possible that stereotype moulds may prove a solution and experiments with them will be made as soon as possible.

Not a little time and trouble in handling small consignments of books received from abroad in the mails will be saved through the courtesy of the Collector of Customs of the Port of Chicago in passing such consignments without the filing of affidavits, as authorized by a recent circular of the Treasury Department.

Attendance. The total number of visitors recorded during the year was 157,893 and the daily average was 505, an increase of 2.5 per cent over the figures of 1912, which were 154,834 and 493 respectively.

The evening attendance, 91, was the same as in 1912. The average attendance on the five general holidays, 156, was 17 less than in 1912. The smallest attendance of the year was 83, on July 4th, and the largest was 998 on February 22nd. The figures for 1912 were 115 and 926, respectively.

Use. The recorded use of periodicals again shows a slight decrease, falling from 17,784 in 1912 to 17,693 in 1913. As stated in previous reports, it is probable that this does not mean any decrease in actual use. On the other hand, the recorded use of calls for books from the stacks, which, as also has been said before, measures the more serious use of the Library by all not admitted to the stacks, again shows a notable increase, from 142,262 to 156,314. Part of this, however, may be due to a less liberal admission to the stacks, for the number of admissions has fallen from 4,018 to 3,466. The latter figure is far above any except that for 1912. Using the same factor as in previous years the total use of the Library may be estimated at 522,000 books and periodicals.

A detailed classification of the call slips for books and periodicals and of admissions to the stack is given in the second table of library statistics. The following table gives a comparison of the totals and percentages for each department with the corresponding figures for 1912:

	RECOR	DED USE		ADM	ISSIONS	TO THE	STACK
	1913		1912		913		912
Tota	Percent-	T-4-1	Percent		Percent		Percent-
		Total	age	Total	age	Total	age
Unclassified 1,18		884					
General Works29,97	4 17	26,792	17	109	3	109	3
Social Sciences 37,87	73 22	34,593	22	290	9	430	ΙÏ
Physical Sciences 16,32	·8 10	15,204	9	378	ΙÍ	587	14
Natural Sciences 10,35	;ı 6	8,981	6	253	7	317	8
Medical Sciences 17,46	0 10	16,359	10	767	22	944	23
Applied Sciences 60,83	8 35	57,233	36	1,669	48	1,631	41

These figures illustrate very well the steadiness of the reading as a whole and the variability of that done in the stacks. Only eleven subjects showed decreases, none of any importance, while six—

history and geography, public documents, astronomy, geology, general natural history, and design — showed increases of one third to one half. The six leading subjects are: medicine, engineering, trade and transportation, political economy, physics, and agriculture. Trade and transportation and political economy have changed places during the year and agriculture has taken the place of chemical technology.

The admissions to the stack were 3,466, a decrease of 542. Of the admissions recorded 2,021 were by registration and 1,445 on presentation of 36 passes. Five additional passes have been granted, and one has been canceled, leaving 100 nominally in force.

The loans for use outside the Library again have increased. There were granted 212 requests from 53 libraries and 449 requests from 174 individuals. Three requests from libraries were refused. In 1912 the loans were 530 and the refusals four. In eight cases the books loaned were asked for while out. Nearly all the loans to individuals are for very short periods, chiefly over night or over Sunday. The loans asked by the Library for its readers were 61 from 3 libraries. All but one were granted.

The calls for assistance by telephone were 721, and the requests for information by letter were 144. The figures for 1912 were 529 and 143, respectively.

The number of orders for cameragrams was 86, requiring 1,226 sheets, for which charges amounting to \$135.75 were made. For 1912 the figures were 71 orders, 802 sheets, \$92.45 charges.

The time required to fill calls has been determined in the same way as for the previous year. The average time was 3.84 minutes, as against 3.66.

The record of the causes of failures to supply books called for, which should have been supplied, is as follows: at bindery, 663; otherwise unavailable temporarily, mostly burned or stolen and not yet replaced, 49; in use by another reader, 1,073; withdrawn from general circulation, 39; not found on shelves, 548; errors of library assistants or records, 140; total, 2,512. The total is 1.58 per cent of the total call slips presented. Excluding the first four causes as unavoidable, the avoidable failures were 0.43 per cent. For 1912 they were 0.28. It is thought that the increase may be due chiefly to the shifting of the books on the shelves and so may prove to be temporary.

Publications. In May the Library issued its *Eighteenth Annual Report*, a pamphlet of 73 pages. An edition of 5,500 copies was printed and distributed.

In April the second edition of the List of Current Medical Periodicals and Allied Serials, the ninth of the Library's bibliographical contributions, was issued as a pamphlet of 32 pages. It contains 673 titles arranged alphabetically, with call-numbers and a statement of the volumes and years with which the sets in the Library begin. Serious deficiencies have been noted.

In October a revised edition of the *Handbook* was issued as a pamphlet of 16 pages.

Again it has not seemed advisable to press to completion any of the other publications authorized by the Board. Should it be desired the *List of Histories of Arts and Industries* and the *Supplement to the List of Histories of Science* could be made ready for the printer within a few months.

The Cataloguer has suggested that the publication of a list of books printed before 1800 would make the resources of the Library in this field more available to scholars. The Senn Collection and the Gerritsen purchase contain so many such works that the suggestion appears to be well justified.

The numbers of the various publications remaining in stock are given in the following table, which shows their distribution during the year:

					TRIBUT	
TITLE	Date	Edition .	On hand Dec. 31	Exchange or Gift	Sale	On hand Jan. 1
			•		Saic	-
Current Periodicals	1902	1,000	141	14	5	122
Bibliographies of Special						
Subjects	1902	966	25	9		16
Books on Industrial Arts	1904	980	43	12	5	26
Bibliography of Union Lists	1906	317	148	12	I	135
Books Exhibited	1907	2,000	952	25	2	925
Books in Reading Room	1909	956	238	13	2	223
Current Medical Periodicals	1910	1,000	71	7	2	62
Handbook, 1910	1910	1,280	45		2	43
History of Science	1911	1,000	319	26	6	287
Current Medical Periodicals	1913	1,038		688	24	326
Handbook	1913	1,038		700		338

Printed Cards. The distribution of one copy of each catalogue card to the Armour Institute of Technology, Chicago Public Library, Field Museum of Natural History, Library of Congress, Northwestern University, University of Chicago, and

the University of Illinois has been continued; also the sending of one copy of each card printed by the Library to Columbia University, Harvard University, New York State Library, Princeton University, Royal Library at The Hague, St. Louis Public Library, University of California, University of Michigan, and Yale University. Eight important partial orders were received. The distribution amounted to 211,560 cards, of which 76,160 were sent to the depository libraries, 2,257 sent as gifts, and 133,143 sold or sent in exchange.

From the Library of Congress there have been received 42,621 cards, making a total of 568,391; from Harvard University 6,720; from the Royal Library of Berlin 23,284; from the Royal Library at The Hague 4,434; from the University of Illinois 5,503; and from the University of Chicago 1,000; making a total of 641,102 received for the Union Catalogue.

Very few of the cards from libraries other than the Library of Congress have been filed as yet, because of the lack of space. It is proposed to keep the title entries of the European cards in a separate alphabet and not to file in the main catalogue titles which duplicate Library of Congress entries.

The attempt to secure cards for use in the catalogues from the Royal Library at Berlin proved unsuccessful except for theses and series entries. The selection at Berlin was made with care and with regard for our needs, but it was found that some cards could not be used because of differences in the headings and that many were for books which had been received in Chicago on inspection long before the cards came. It did not seem advisable to hold back from use by the public all the new German books received on inspection, including some of the most important publications of the year, for the sake of the saving in the cost of cataloguing.

The use of the cards printed by Harvard and the University of Chicago, though limited in scope, is not open to this objection and will be continued.

Selection and Ordering. The selection of new titles is practically up to date and over two thirds of the older titles were revised during the year. For the first four months the ordering kept pace with the selection, but a long absence of the assistant in charge and her subsequent resignation completely destroyed this equality and in the last six weeks of the year everything gave way to the

replacement of the books destroyed in the fire. Consequently no fair trial of the new system could be made. Not even the first series of orders could be given for all subjects, and in the second series all that could be done was to complete the Physical Sciences and begin the Natural Sciences.

During the year 6,957 orders were given. Of these 431 failed or were canceled, leaving 6,526 valid orders, covering, with the standing orders for continuations, 16,557 volumes at an estimated cost of \$21,045; 6,564 orders were filled, covering 11,396 volumes at a cost of \$23,630. There are left outstanding, in addition to the orders for continuations, 2,471 orders, at an estimated cost of \$3,532; of these 1,091 were given before January 1, 1913. The distribution of the orders of the year, of the total to the end of 1913, and the estimated cost, to the nearest dollar, are given in the second table of library statistics. The unclassified orders were to replace volumes burned or were purchases by Dr. Lichtenstein in South America.

Accessions. The total accessions of volumes for 1913 have been 15,209, of which 3,422 have been received as gifts and 11,787 obtained by purchase. Volumes made by binding serials are included in these figures. There have been withdrawn 510 volumes (including 203 burned), leaving the net accessions for the year 14,699, which, with the 307,350 reported for 1912, make a total now on the books of 322,049. There remain to be entered only the Laufer purchase, about 14,000 volumes, and about 2,600 volumes of the Gerritsen purchase. These have their own catalogues, and particular books can be obtained when asked for, so that the total number of volumes available is about 338,500.

The accessions of maps and plates for 1913 were 102, and the total entries are 3,801. In addition the Library has purchased the collection of nearly 6,000 maps made by the late Emile Levasseur. The New York State Library purchased the books. It was planned to make this material immediately available in part of the space on the seventh floor, but the crowded condition and poor ventilation of the new space on the sixth floor made the Librarian decide reluctantly to retain the work with the printed cards on the seventh.

Few pamphlets have been obtained by purchase, but the number received as gifts was 14,800. Author slips for 7,762 titles

were filed in the official catalogue, and the classified collection has been increased by 11,426 pamphlets. The last number includes the preceding, but these two have no necessary connection with the first. Many of the pamphlets received are duplicates, and many more are continuations, or for various reasons are put elsewhere than in the pamphlet collection. On the other hand, many pamphlets already in the Library have been classified and entered in the official catalogue. Of the 11,426 net accessions to the classified collection, 1,337 were from the Gerritsen purchase, 47 from the Senn Collection, and 4,844 from other accumulations, leaving some 5,198 as the new accessions of the year. The total in the Library is approximately 105,280. Their classification is shown in the second table of library statistics.

The following table shows the distribution of the net accessions for 1913 and of the totals entered, by departments, together with the percentages of the classified volumes:

DEPARTMENT	Volumes	Per cent	Pamphlets	Volumes	TOTAL Per cent	Pamphlets
Unclassified	319			16,354		32,111
General Works	1,920	13	1,202	43,405	14	11,668
Social Sciences	4,632	32	4,608	80,484	2 6	23,895
Physical Sciences	1,368	10	759	26,522	9	2,930
Natural Sciences	899	6	141	30,918	10	3,006
Medical Sciences	2,956	21	3,143	62,899	21	22,028
Applied Sciences	2,605	18	1,573	61,467	20	9,642
Total	14,699		11,426	322,049		105,280

The new method of ordering will always produce temporary irregularities in the growth of the Library, so that it is a more exact test of the proportionate growth to compare the present percentages of the total number of volumes with those of five years ago. Such a comparison shows that General Works have dropped one point, Social Sciences gained three, Physical Sciences remained the same, Natural Sciences dropped one, Medical Sciences dropped one, and Applied Sciences remained the same.

The periodicals currently received are 3,466, of which 875 are received as gifts and 2,591 by subscription, at an estimated yearly cost of \$10,231.66. Their classification is shown in the second table of library statistics. While the number as stated is less than in 1912 the diminution is only in form, for 35 school bulletins have been transferred to the Continuation Record. It should not be thought, however, that the remaining periodicals are exactly the

same as in the previous year; 177 new titles have been added and 142, in addition to the bulletins, dropped. There has been an increase in the cost of the periodicals during the year, and the clerical work involved in keeping the files complete has also increased.

The assistant in charge of the Continuation Record reports 1,495 titles added to the list and 341 withdrawn, leaving 11,656 at the end of the year. About 4,882 are obtained by subscription, at a cost in 1913 of \$6,048.84. These furnished 1,631 volumes entered on the record of accessions. The other continuations were received as gifts or in exchange, and furnished 1,440 volumes. For the gifts 1,508 first and 400 second requests were sent and 25 reported to the Librarian for personal letters. For the purchases 238 first and 8 second notifications were sent and 6 reported to the Librarian.

Again the Library has been able to join in securing the services of Dr. Lichtenstein, Librarian of Northwestern University, in purchasing books, this time in South America. The circle of co-operating libraries is somewhat larger, and it is hoped that the results will be especially valuable both on account of the increased interest in South America and because of the great difficulty in obtaining works printed there through the regular channels of trade. Dr. Lichtenstein has already bought a large collection in Carácas, which has been sent to Cambridge for distribution, and a smaller one in Bogotá, which has just arrived here.

No especially noteworthy purchases of individual works have been made and no older sets of periodicals have been completed, though several medical sets have been bought.

The number of gifts was somewhat smaller than in the last two years. There were received 6,384 volumes and 14,800 pamphlets from 2,514 donors. The volumes entered in the accession record were 3,422. The figures for 1912 were 7,920 volumes, 19,069 pamphlets, 2,963 donors, and 3,576 entries.

Several collections of medical works were received from physicians of the city, notably, Drs. Coolidge, Gradle, C. N. Johnson, F. S. Johnson, and Webster, and also from the American Medical Association and the Chicago Dental Society. About 200 New York state documents were received from the New York State Library and a collection of about the same size on engineering from H. M. Byllesby & Co. of Chicago.

The Regia Università di Modena and the Koninklijke Vlaamische Academie of Ghent have very kindly placed the Library on their exchange lists. The Secretary of State of Illinois has sent the Library one copy of each bill introduced into and printed for the State Legislature. These have occasionally been of great service.

Duplicates. The sales of the year amounted to 127 bound volumes, 147 unbound volumes, and 25 pamphlets for \$213.28. On priced exchange 24 bound volumes, 14 unbound volumes, 60 pamphlets, and 37 numbers, valued at \$30.45, have been sent; 81 bound volumes, 78 unbound volumes, 129 pamphlets, and 12 numbers, valued at \$86.65, have been received. On piece exchange 8 bound volumes and 11 numbers have been sent; 64 bound volumes, 70 pamphlets, and 70 numbers have been received. Thirty-eight bound volumes, 59 unbound volumes, 33 pamphlets, and 47 numbers have been sent to the International Joint Commission as a gift.

Inventory. The seventh inventory has been continued. Shelf numbers o to 299 and 400 to 499 have been read, 63 serious misplacements corrected, 18 books reported not found. As 16 previously reported have been found the net loss is two out of 37,000, or 0.005 per cent. In addition five books are known to have been taken from the stacks in other classes, 11 have been taken from the main Reading Room and three found, and 18 from the Senn Room and three found, so that the net loss for the year is 30 and the total loss for seventeen years is 302, or 0.09 per cent. Only seven cases of mutilation have been discovered. The theft and mutilation of periodicals have remained at the lower figures of last year; 50 numbers have been taken and 30 mutilated as against 44 and 34 in 1912. Eighteen of these have still to be replaced.

Binding. On January 1st, 1913, there were at the binderies 703 volumes, and 9,758 were sent during the year; 40 were returned as incomplete, and 9,821 bound; leaving 620 at the binderies December 31st, 1913. About one fifth were bound by The Newberry Library. The cost of binding was \$10,854, an average of \$1.11 per volume. The cost of shelf-marking the accessions of the year, together with a considerable amount of repairing, inserting bookplates, and similar work, was \$1,546.

The fire of November 14th destroyed a small lot of volumes just

received from the binderies and a much larger number which were being prepared for binding. Fortunately a large shipment had been sent out the afternoon before. The destruction of the records, the necessity of replacing the most used supplies at once, and the lack of working space, sufficiently explain the smaller amount of binding done.

Catalogues. The Cataloguer reports that during the year 5,129 new titles have been prepared for print; 323 new titles type-written; 64 titles prepared for print to replace old typewritten titles, and 26 to replace Library of Congress titles; 4,589 titles received from the Library of Congress have been classified for the catalogues; 845 titles have been prepared for the co-operative analysis of serials. The total number of titles treated by the Cataloguer and Classifier and their assistants has been 12,685, a decrease of 206 over 1912. The titles reprinted in correction of errors were 64, and for other alterations 999. Cards for 5,121 new titles and 1,104 reprinted titles were received from the printer, electrotypes for 5,996 new titles, and 767 reprinted titles from the electrotypers. The total number of separate titles prepared for print to date is 93,026; of sets of cards received, 92,008; of electrotypes, 59,936.

The number of orders sent to the Library of Congress on triplicate order sheets was 6,957, and reports were received on 6,852, leaving 105 outstanding. There were cards for 3,537 titles on hand January 1st, 1913; 4,248 were received during the year, and 7 were taken from the file of those previously withdrawn; cards for 4,851 were used, and for 472 withdrawn from the file, leaving those for 2,469 on hand December 31st. Of those withdrawn 418 titles were returned to the Library of Congress and 7 were replaced by reprinted cards. Of the 4,248 titles received, 648 were analytical titles from 317 serial publications. Of the 2,469 titles on hand, 665 are for book orders before 1913, 518 for those of 1913, 333 for regular standing orders, and 953 for two special analytical orders.

The work of the Library in the co-operative analysis of serials has been continued. It has supplied 845 titles and has received cards for 3,406. Of the titles received, 663 have been filed in the public card catalogues; one copy of 1,992 filed in the official catalogue; and 177 have been sold.

There have been added 27,900 cards to the classed catalogue, which now contains some 148,100 titles on 383,732 cards, an

average of 2.59 cards per title; 19,528 cards have been filed in the author catalogue, which now contains the same 148,100 titles on 263,100 cards, an average of 1.78 cards per title; 800 guides and 4,368 cards have been added to the subject index, which now contains 23,600 guides and 52,700 cards covering 125,258 titles, an average of 0.42 card per title.

The distribution of the cards in the classed catalogue, by departments, is shown in the following table:

	(CARDS
DEPARTMENT	1913	TOTAL
General Works	8,757	128,654
Social Sciences	8,580	96,990
Physical Sciences	1,226	27,051
Natural Sciences	2,278	44,426
Medical Sciences	3,472	27,195
Applied Sciences	3,587	59,416
Total	27,900	383,732

Of the 148,100 titles in the public catalogues about 90,500 are on cards printed by the Library, about 45,500 on Library of Congress cards, about 10,900 on A. L. A. co-operative cards, 100 on other printed cards, and about 1,000 are typewritten.

There have been added 13,729 cards to the index of government publications, making a total of 73,230 in this index. The index of analytical cards issued by the U. S. Bureau of Education has received 1,453 cards, and now contains 11,968 cards.

The cataloguing staff was hampered greatly in its work by the conditions due to the changes in the building. The much smaller number of accessions, however, made it possible for them not only to treat the new books but to do considerable work on the arrears of the Department of Medical Sciences and a little on the Gerritsen purchase. The total number of shelves of arrears of all kinds has been reduced from 1166 to 1098.

Meetings. The Library was represented officially by the Librarian and Cataloguer and unofficially by two other members of the staff at the annual meeting of the American Library Association at Hotel Kaaterskill, June 23rd to 28th; officially by the Librarian at the annual meetings of the National Association of State Libraries and of the Special Libraries Association at the same place and time; officially by the Assistant Librarian and unofficially by fourteen other members of the staff at the annual meeting of the Illinois Library Association at Chicago, December 30th and 31st, and officially by the Librarian or the Cataloguer at

the regular meetings of the Council for Library and Museum Extension.

Staff. The absence of the Reference Librarian, Mr. E. D. Tweedell, since May, on account of illness, has been a serious handicap in the work of the reference desks, but fortunately the Library has secured the services for the winter of Mr. R. J. Usher, who filled the position during Mr. Tweedell's former absence, and it is hoped that the latter will return in the spring with his health fully restored.

The following persons have resigned: Dr. Audrey Goss, Medical Reference Librarian; Mr. R. J. Usher, Assistant Reference Librarian; Mrs. A. J. Saunders (Miss Harriet Holderman), senior assistant; Miss C. B. Touzalin and Mr. J. L. Fox, junior assistants; Messrs. R. C. Eaton, A. E. Olson, Paul Brennan, C. T. Latter, Helmuth Bay, and Hans Kleinert, attendants; Harry Nosek, Daniel Bauer, and Charles Olson, pages.

The following have been appointed: Mr. D. Ashley Hooker, Assistant Reference Librarian; Misses Mabel Eaman and Ethel M. Wight, senior assistants; Misses Harriet E. Penfield, Mary L. Reider, and Eva W. Graves, and Mr. Edson A. Freeman, junior assistants; Miss Elizabeth E. Wilson, temporary junior assistant; Miss Elsebeth Martens, and Messrs. Milton A. Brown, D. J. Porto, Noah Fox, William Jaffe, Max Deitenbeck, A. N. Jacobson, and Carlyle Peek, attendants; Henry Everaert, Meyer Richman, Charles Schmiege, and George Fleck, pages.

The following are giving or have given temporary service: Mr. R. J. Usher as Reference Librarian; Mr. J. Christian Bay as Medical Reference Librarian; Miss Grace Kelley as Assistant Classifier; Miss H. E. Penfield as senior assistant; Misses A. D. White, Marie Simpson, and Harriet Messenger as junior assistants; Miss R. B. Lane as attendant.

While the amount of work accomplished is less than in previous years it is hoped that the Board will realize that this is due to the untoward circumstances already mentioned and not to any lack of faithfulness or energy on the part of the staff.

Respectfully submitted,

CLEMENT W. ANDREWS,

Librarian.

Chicago, January 15, 1914.

LIBRARY STATISTICS: 1

RECORD OF ATTENDANCE AND USE FOR 1913

	Jan.		Максн	APRIL	Feb. March April May June July August Sept.	JUNE	July	AUGUST	SEPT.	Ост.	Nov.	Nov. DEC.	Тотаг 1913	Тотаг	IN- CREASE PER CT.
Visitors Daily Average	14,517	13,747	14,920	13,831	12,830	9.791	10,957	10,497	11,717	13,624	15,401	16,061	14,517 13,747 14,920 13,831 12,830 9.791 10,957 10,497 11,717 13,624 15,401 16,661 157,893 154,834 538 573 574 532 475 392 406 404 451 505 616 595 505 493	154,834	: 73
Calls for Books from Stack 14,307 14,589 15,959 14,781 12,792 9,454 10,107 9,276 10,024 14,253 16,126 14,646 156,314 142,262 Daily Average	14,307 530	14,589	15,959	14,781	12,792	9.454	10,107	9,276	10,024	14,253	16,126	14,646	156,314	142,262	101
CallsforPeriodicalsfromAlcove Daily Average	1,600	1,563	1,739	1,581	1,328	1,185	1,145	1,435	1,597	1,667	1,464.	1,389	17,693	17,784	1 1
Visitors Admitted to Stack	320	320 346 396 310	396	310	268	248	268 248 283 224 240 273	224	240	273	275	275 283	3,466	3,466 4,018 *16	91*

Smallest attendance, 83 on July 4th. Largest attendance, 998 on Feb. 22nd. Smallest number of calls for books, 131 on July 4th. Largest number, 1,167 on Nov. 8th.

*Decrease

							COMPA	COMPARISON BY YEARS	BY YEA	IRS							
	1897 9 MOS.	1898	1899	1900	1061	1902	1903	1904	1905	. 1898 1899 1900 1901 1903 1904 1905 1905 1906 1906 1908 1908 1908 1909	1907	1908	1909	oı6ı	1910 1911 1912	1912	1913
Visitors	18,584 80	30,516	34,827	41,697	54,828	66,512	76,429	87,494	92,244	18,584 30,516 34,827 41,697 54,828 66,512 76,429 87,494 92,244 101,839 109,677 130,049 134,579 138,353 143,858 154,834 157,893 505 113 134 175 213 244 279 296 321 351 414 430 442 442 4493 505	109,677	130,049	134,579	138,353	143,858	154,834	157,893
from Stack	6,995	15,367	19,890	23,996	32,193 103	39,606	50,264 161	198,561	67,386 216	6,995 15,367 18,890 23,996 32,193 39,606 50,264 59,561 67,386 113,565 104,435 108,662 107,006 124,819 139,386 142,262 156,314 453 50 50 61 77 103 127 161 190 216 363 354 346 345 349 447 453 500	104,435	108,662 346	107,006	124,819	139,386	142,262	156,314 500
from Alcovo Daily Average Visitors Admitted	3,864	7,213	8,013	8,667	9,741	12,250	13,264	15,178	15,472	3,864 7,213 8,013 8,667 9,741 12,250 13,264 15,178 15,472 14,722 17,449 20,980 20,261 19,990 19,707 17,784 17,693 57 57 57 57 57 57	17,449	20,980	20,261	19,990	19,707	17,784	17,693
to Stack	359	929	1,017	1,019	1,046	1,167	1,193	309,1	1,681	656 1,017 1,019 1,046 1,167 1,193 1,608 1,681 1,690 1,944 2,671 2,437 2,437 2,460 4,018 3,466	1,944	2,671	2,437	2,430	2,460	4,018	3,466
Volumes in Library 29,14	29,141	43,061	55,223	65,645	76,432	89,219	103,291	123,018	142,971	1 43,061 55,223 65,645 76,432 89,219 103,291 123,018 142,971 197,440 215,144 232,403 251,281 268,153 286,829 307,350 322,049	215,144	232,403	251,281	268,153	286,829	307,350	322,049

LIBRARY STATISTICS: II

						ACCE	ACCESSIONS		2				
Subjects		OR	ORDERS		Vol	VOLUMES	PAMPHLETS	LETS	FER	FERIODICALS	X EC	KECORDED USE	SE
	I	1913	T	Total	1913	Total	1913	Total		1913		1913	
	Vol.	Est. Cost*	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost	Books	Period-	Stack
UNCLASSIFIED	148	\$ 1,671	56,080	44	319	16,354	1	32,111	1	1 1 1	1,183		;
I.—General Works:	,)			,					
o Miscellaneous	65	\$ 127		\$ 6,467	103	1,241	504	5,386	12		3,554	140	33
I Bibliography	190	702	4,663	_	302	6,534	681	1,408	151	375 00	1,146	159	4
2 Library Economy	73	73			167	2,652	126	973	69		<u>2</u>	103	I
3 Cyclopedias	င္က	~ ~			34	1,533	7	91	1	1 1 1 1 1	229	-	n
4 Collected Works of Authors -	n	rv.			12	374	1	4	:	1 1 1 1 1	278	1	7
_	53	89 —			178	6,028	204	744	112		4,743	3,677	7
6 General Societies	106	285		_	225	6,315	10	82	121	310 15	2,264	36	12
7 Exhibitions and Museums	29	8I			89	1,586	П	379	29	-	236	1 1	:
	108	178			65	2,075	21	161	18		598	98	7
13, 15 Psychology	112				208	2,710	178	409	47		4,909	107	∞
_	42			2,117	38	1,026	7	75	1		739	1	-
90 History and Geography	258	675	619'9	13,873	83	7,942	165	1,796	12		5,323	1	22
	5,736	7		6,242	437	3,389	ν.	205	32	98 33	956	131	14
,	6,805	\$ 5,295	39,875	\$ 73,206	1,920	43,405	1,202	11,668	603	\$1,442 03	25,535	4,439	109
II.—Social Sciences:										•			
17 Ethics	49	\$ 67	1,292	10	131	1,468	43	622	0		1,791	10	н
	8	·&	269	952	8	908	252	1,147	·∞	I Io	836	9	;
30 General Works	256	330			246	3,804	132	581	9		4,795	140	87
	92	123			136	3,302	9	122	43		745	17	10
	267	305		3,888	578	5,511	629	1,676	21		2,264	169	12
-, ,	615	069 	_	11,994	988	14,821	932	6,240	192		7,595	1,028	67
Law	123	251	1,954	3,934	147	2,850	117	296	12		1,341	9	13
					,				(
	231	377	10,503	11,389	622	23,319	310	2,197	81	210 03	4,005	77	21
	95	0/1	_	_	311	0,072	370	2,203	03		2,593	152	0
3/ Education	221	350			808	11,500	1,108	6,294	122		4,579	285	43
	208	235			458	6.106	270	1.144	9		2,603	524	25
39 Customs, Folklore, etc	207	249	1,728	2,138	229	1,835	349	1,013	20	17 74	2,282	21	'n
	2,472 \$	\$ 3,243	1 1	52,950 \$ 58,385	4,632	80,484	4,608	23,895	969	\$1,170 31	35,429	2,444	290

* To nearest dollar.

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Zurich, Switz	University of Maine, Orono, Me
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Zurich, Swilz. 1 Universitäts-Bibliothek, Basel, Swilz. 7	Mich
Universitats Bibliotnek, Bonn,	University of Michigan, Alumni
Prussia	Association, Ann Arbor, Mich I
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Austria 5	ical Observatory, Detroit, Mich. 1
Universitäts-Bibliothek, Marburg,	University of Michigan, Engineer-
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othèque, Toulouse, France 1	Minneapolis, Minn 6
Université Égyptienne, Cairo,	University of Missouri, Columbia,
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Université Imperiale de Kazan,	University of Missouri, School of
Observatoire Astronomique	Mines and Metallurgy, Rolla,
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Kazan, Russia	University of Montana, Missoula,
Université Laval, Quebec, Que I	Mont Nontana, Missoura,
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dam, Netherlands 41	University of Nebraska, Engineer-
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ania, Norway 21	University of New Mexico, Albu-
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University of Aberdeen, Library,	University of North Dakota,
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University of Florida, Gainesville,	N V
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University of Idaho, Moscow, Ida 2	Columbia, S. C
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University of South Dakota, Ver-		Utah, State Engineer, Salt Lake	
million, S. D	4	City, Utah	3
Los Angeles, Cal	2	Van Hise, Charles, Madison, Wis	I
Manila, P. I	1	Van Nostrand Co., New York, N. Y.	1
University of the South, Sewanee, Tenn	2	Vancouver, Board of Trade, Van-	I
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University of Toronto, Toronto, Ont.	18	I enn	3
University of Utah, Salt Lake City,	2	Vassar College, Poughkeepsie, N. Y. Vedanta Centre, Boston, Mass	4
Utah	2	Veit & Company, Leipzig, Saxony.	1
Vt	I	Veit & Company, Leipzig, Saxony. Verity, Dr. Roger, Florence, Italy.	1
University of Virginia, Charlottes-	_	Vermont Agricultural Experiment Station, Burlington, Vt	
ville, Va	5	Vermont, Board of Library Com-	9
Wash	4	missioners, Montpelier, Vt	1
University of Wisconsin, Madison,	10	Vermont, Geological Survey, Bur-	
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Usher, R. J., Chicago, Ill Utah Agricultural College, Logan,	9	bourne, Vict	1
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Utah Agricultural Experiment Station, Logan, Utah	12	Videnskabs-Selskabet, Christiania, Norway	_
Utah, Bureau of Immigration,	12	Virginia Agricultural Experiment	5
Labor and Statistics, Salt Lake		Station, Blacksburg, Va Virginia, Auditor of Public Ac-	5
City, Utah	4	Virginia, Auditor of Public Accounts, Richmond, Va	т
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Utah, State Board of Land Com-		lottesville Va	2
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mark, S. C	I	Watertown Free Public Library,	•
Voter, Chicago, Ill	ī	Watertown, Mass	1
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pia, Wash		West Virginia, Dept. of Mines, Charleston, W. Va	
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brary, Olympia, Wash	I	West Virginia, State Tax Commissioner, Charleston, W. Va.	2
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Western Australia. Treasurer of		Wisconsin, Board of Regents of
Western Australia, Treasurer of State, Perth, W. A	3	Normal Schools, Madison, Wis. 1
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brary School, Cleveland, O	4	Wisconsin, Butter Makers' Asso-
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	19	Wisconsin, Commissioner of Bank-
Western Surgical Association,	_	ing, Madison, Wis
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facturing Co., East Pittsburg,		Wisconsin Dairymen's Association,
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111	2	History Survey, Madison, Wis. 1 Wisconsin Medical Journal, Mil-
White Fund, Trustees, Lawrence,	_	waukee. Wis
Mass	I	Wisconsin Natural History Society.
Wilbraham Academy, Wilbraham,		Milwaukee, Wis
Mass	I	Wisconsin, Railroad Commission,
Wilkes-Barre, Chamber of Commerce, Wilkes-Barre, Pa	1	Madison, Wis
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Mass	1	Wisconsin, State Board of Agricul-
Williams, F. M., Watertown, N. Y.	I	ture, Madison, Wis 3
Williams, Nathan B., Fayetteville,		Wisconsin, State Board of Health,
Ark	I	Madison, Wis
Mass	7	Madison, Wis 2
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Williamsbort, Pa	I	ety, Madison, Wis
Wilmington Institute, Wilmington,		Wisconsin State Normal School,
Del	3	Milwaukee, Wis
mington, Del	5	tion, Madison, Wis 3
Wilshire Publishing Co., London,	0	Wisconsin, Supt. of Public Property,
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Wilson-Maculen Company, New	_	Wisconsin, Tax Commission, Mad-
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Windsor, Public Library, Windsor,	1	Wisher, Carl V., Chicago, Ill 3 Wistar Institute of Anatomy and
Ont	I	Biology, Philadelphia, Pa 13
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Chicago, Ill	5	Woman's Medical College of Penn-
Winnebago County, Supt. of Schools, Rockford, Ill	1	sylvania, <i>Philadelphia</i> , <i>Pa</i> I Women's Canadian Historical Soci-
Winnetka Public Library, Win-	•	ety, Ottawa, Ont
netka, Ill	2	Women's Foreign Missionary Soci-
Winslow Bros. Co., Chicago, Ill	I	eties of the Presbyterian
Wisconsin Agricultural Experi-		Church, New York, N. Y 1
ment Association, Madison, Wis	1	Women's Trade Union League, London, Eng 4
	•	London, Eng 4

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Women's Protest, New York, N. Y. 2	Wyoming, Commissioner of Public
Wood Brothers, Chicago, Ill I	Lands, Cheyenne, Wyo 2
Wood Products Co., Buffalo, N. Y. I	Wyoming, State Auditor, Cheyenne,
Worcester, Board of Park Com-	· Wyo 5
missioners, Worcester, Mass I	Wyoming, State Board of Charities
Worcester County Law Library,	and Reform, Cheyenne, Wyo 2
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ington, Eng	Young, R. T., University, N. D
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Wyoming Agricultural Experiment	$York, N. Y. \dots 2$
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HENRY WALKER BISHOP

At the annual meeting of the Board of Directors of The John Crerar Library, held January fifteenth, 1914, the following resolutions, submitted by a committee consisting of Messrs. Hughitt, Lincoln, and Busby, were unanimously adopted, and it was ordered that they be spread upon the records and printed in the Annual Report of the Library with a portrait, and that an engrossed copy be sent to the family of Mr. Bishop.

LEONARD A. BUSBY, Secretary.

RESOLVED, that the Board of Directors of The John Crerar Library have received with great sorrow the notification of the death of their colleague and friend, Henry Walker Bishop.

Mr. Bishop was designated by Mr. Crerar as a member of this Board in the foundation of the Library, and the trust thereupon accepted by Mr. Bishop had the benefit of his loyal and valuable service during a period of nearly nineteen years, to the end of his life.

Mr. Bishop was born June 2nd, 1829. He graduated from Williams College, and afterwards pursued the study of law and graduated from the Law School of Harvard University. sought the West as a field for his professional activities, located in Chicago in 1853, and at once began the practice of the law. 1865 he was appointed by Judge David Davis and Judge Thomas Drummond as Master in Chancery of the Circuit Court of the United States for the Northern District of Illinois, and continued actively in the discharge of his duties for a period of over fortysix years, until the end of the year 1911, when the Circuit Courts were abolished. Perhaps the most fitting tribute that can be paid to his official career is the simple statement that his reports as Master, both as to facts and conclusions, were almost always approved and confirmed by the distinguished judges who have occupied the bench of that Court during a period of well nigh half a century.

In addition to his professional work, Mr. Bishop always found time to interest himself in the welfare and progress of others, and especially in that of young lawyers. Many of his lawyer friends speak with pleasure and gratitude of the kindly assistance he was able to give them. He combined within himself the sterling qualities of his New England ancestors. He was a man of great steadfastness and integrity of purpose and possessed in an unusual degree a singular kindliness and tenderness of character. He was the first president of the Union Club of Chicago, of which organization he was one of the founders. He was one of the charter members of the Chicago Club and its president in 1893–4.

In memory of his son, who died in 1885 during his senior year in Williams College, he erected the building known as "The Henry W. Bishop III Memorial Training School for Nurses" at Pittsfield, Massachusetts. This building he endowed and equipped complete for its noble work, and it will remain an enduring evidence of his efforts to alleviate human suffering, and of his love toward his fellow-men.

RESOLVED FURTHER, that this resolution be spread upon the minutes of The John Crerar Library, and that a copy be engrossed and sent to Mr. Bishop's family.

REGULATIONS

The Library is a free public reference library, open to readers every day, excepting Sundays, from 9 A. M. to 10 P. M.

Satchels, suit cases, bags, etc., must be checked in the Cloak Room. Outer garments, umbrellas, and packages may be, and in wet weather must be, so checked. No charge is made for the service. The Library will not hold itself responsible for unchecked articles nor for any articles left over night.

Books shelved in the Reading Room and in the Senn Room, except as noted below, may be consulted without formality, but after use are to be left on the tables, instead of being replaced on the shelves.

Current periodicals, except those on the Medical Sciences, may be consulted within the periodical alcove, and may be obtained for use at the tables in the Reading Rooms by presenting at the periodical desk serial call-slips properly filled out. Current medical periodicals are shelved in the Senn Room and may be consulted there.

Books not shelved in the Reading Rooms may be obtained by presenting to the Delivery Clerk book call-slips properly filled out. These books are to be returned to the delivery desk.

Persons engaged in special research, if satisfactorily vouched for, may be admitted to the Stack Rooms. Application for this privilege should be made to the Reference Librarians. All books used under this provision are to be left on the tables in the Stack Rooms.

Books not suitable for general use may be consulted only upon registration and statement of satisfactory reasons, and those of great value or rarity only in the presence of an attendant.

Writing or marking in books belonging to the Library, their mutilation in any manner, and their removal from the Library, are forbidden. The tracing of plans will be permitted if done over a celluloid cover, but not otherwise. The covers will be furnished upon application at the delivery desk.

The officials of the Library are authorized to exclude any person of unseemly behavior or appearance, and any one wilfully violating its regulations.

The Reference Librarians, in charge of the Reading Rooms, will give assistance in the use of the library.

PUBLICATIONS IN PRINT

No bills are rendered. Orders should be accompanied by postal money order or stamps.

Annual reports. First to nineteenth for the years 1895–1913. Chicago 1897–1914. Sent gratis on request.

The First report contains Record of Organization; the Second, Memorial of Edson Keith; the Fourth, By-laws of the Corporation; the Fifth, Memorial and portrait of Norman Williams; the Sixth, Memorial and portrait of Huntington W. Jackson; the Seventh, Act and Ordinance authorizing the Library to erect and maintain a free public library on the Lake Front Park; the Ninth, "Act concerning free public libraries in public parks"; the Eleventh, Memorial and portrait of Marshall Field, and "Ordinance concerning The John Crerar Library"; the Thirteenth, Memorials and portraits of Albert Keep and Dr. Nicholas Senn; the Fourteenth, By-laws of the Corporation; the Fifteenth, Report of the Special Committee on Site; the Nineteenth, Memorial and portrait of Henry W. Bishop.

- Printed catalogue cards for the titles of all books in the Library. *Prices on application*.
- A list of current periodicals in the Reading Room, June, 1902. Chicago 1902. 97.p. Price 10 cents; by mail 15 cents.
- A list of books on industrial arts, October, 1903. Chicago 1904. 249 p. Price 20 cents; by mail 30 cents.
- A bibliography of union lists of serials. Chicago 1906. 28 p. Price 5 cents; by mail 10 cents.
- A list of books exhibited December 30, 1907—January 4, 1908, including incunabula and other early printed books in the Senn Collection. Chicago 1907. 32 p. Price 5 cents; by mail 10 cents.
- A list of books in the Reading Room, 1909. Chicago 1909. viii, 488 p. Price 25 cents; by mail 50 cents.
- A list of books on the history of science. Chicago 1911. 10, 297 p. Price 25 cents; by mail 40 cents.
- A list of current medical periodicals and allied serials, second edition, April, 1913. Chicago 1913. 32 p. Price 5 cents; by mail 10 cents.
- Handbook, 1913. Chicago 1913. 16 p. Sent gratis on request.

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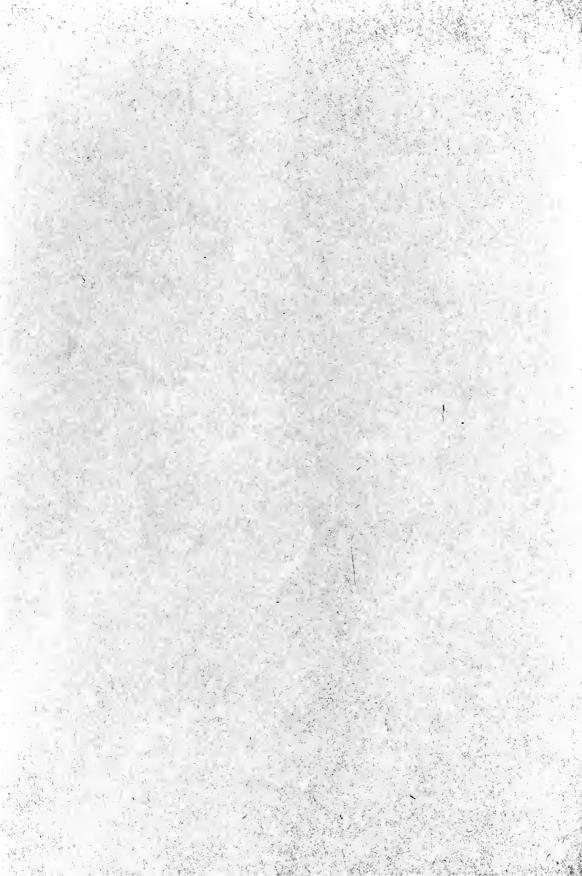
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FOR THE YEAR

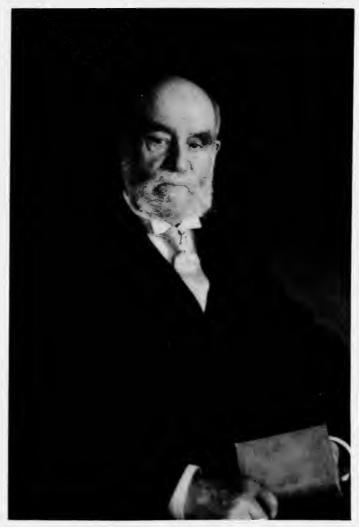
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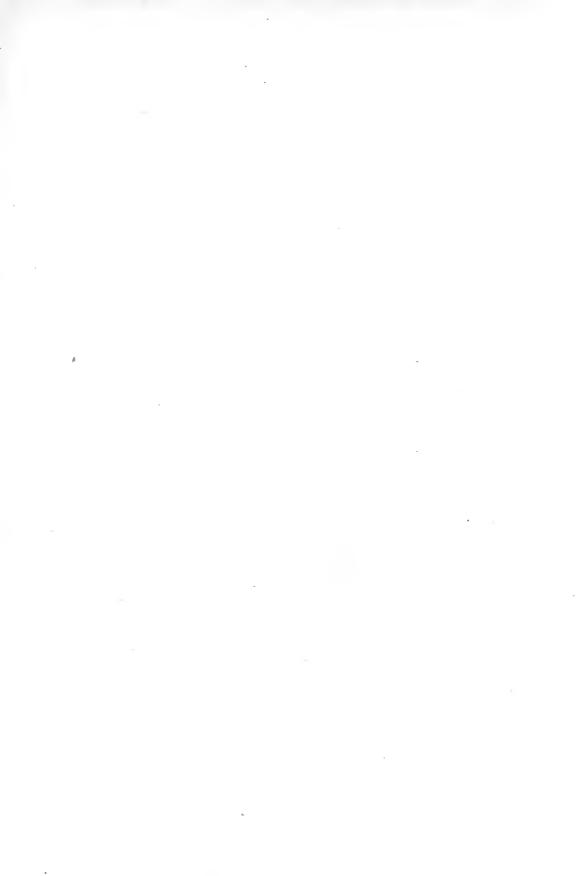
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ROBERT FORSYTH	_				_			1901 1911
ROBERT TORSTIN								.9
Secr	eta	ırı	es					
GEORGE A. ARMOUR -		-		_		-		1895—1900
GEORGE A. ARMOUR - ARTHUR J. CATON - LEONARD A. BUSBY	-		-		-		-	1900-1904
LEONARD A. BUSBY		-		-		-		1905-1915
WALTER B. SMITH -								1915—
Trec	701	110	r					
WILLIAM J. LOUDERBACK	. -		-				-	1895—
Libr	ar	ia.	12					
CLEMENT W. ANDREWS -		-		-		-		1895—

LIBRARY STAFF, 1915

Librarian Assistant Librarian Reference Librarian Cataloguer Classifier Medical Reference Librarian Assistant Reference Librarian Assistant Cataloguer Assistant Cataloguer Assistant Classifier Treasurer's Assistant Supt. of Delivery		AKSEL G. S. JOSEPHSON J. CHRISTIAN BAY J. CHRISTIAN BAY* D. ASHLEY HOOKER MARY E. HAWLEY GERTRUDE FORSTALL GRACE KELLEY*
	Senior Assistants	
EDITHA C. PHELPS SARAH S. DICKINSON CHARLOTTE H. FOVE ELIZABETH MONTROSS JENNIE A. HULCE WILLIAM A. BRENNAN GENEVIEVE DARLINGTON		Margaret Furness Alpha L. Owens Elsa Neiglick Mabel Hayward Mabel Eaman Ethel M. Wight Harriet E. Penfield*
	Junior Assistants	
CORNELIA C. WHITE MARY B. HIBBARD ALBERTA M. WHIDDEN HELEN D. BROWN A. FREDERIC GRONBERG	Јонх А. Ккаитн	MARGERY C. COOPER MARY L. REIDER ELIZABETH E. WILSON MILTON A. BROWN ELSEBETH MARTENS
	Attendants	
LUCY A. CURTIS RUTH BORCH D. J. PORTO NOAH FOX CARLYLE PEEK	Mendems	GUIDO V. MARIOTTI ALPHONSE COMYN BENJAMIN JAFFE WALTER THIELE MEYER RICHMAN
George Fleck Peter Krummick	Pages Irwin Stepek	John Kolenburg John Pratt
	Janitor	
	WILLIAM J. JONES	
August Carlson *Provisional	Assistant Janitors	NICHOLAS MEYER

REPORT OF THE PRESIDENT

TO THE GOVERNOR OF ILLINOIS:

In accordance with the provisions of an act entitled "An Act to encourage and promote the establishment of free public libraries in cities, villages, and towns of this state," approved June 17, 1891, under which this corporation is organized, the Directors of The John Crerar Library submit their twentieth annual report for the year 1914.

By the death of Eliphalet W. Blatchford, on January 25th, the Board has lost another of the members named by Mr. Crerar. The vacancy caused by the death of Mr. Bishop in 1913, was filled by the election, on January 15th, of Albert A. Sprague II, and that caused by the death of Mr. Blatchford by the election, on November 5th, of Walter B. Smith. Both these elections have been approved by the Chief Justice of the Supreme Court of Illinois so that the Board is now composed of the following persons: Robert T. Lincoln, John M. Clark, Frank S. Johnson, Peter Stenger Grosscup, Marvin Hughitt, Thomas D. Jones, John J. Mitchell, Leonard A. Busby, Robert Forsyth, Chauncey Keep, Frederick H. Rawson, Albert A. Sprague II, and Walter B. Smith, together with Carter H. Harrison, Mayor of Chicago, and Michael Zimmer, Comptroller of Chicago, ex-officio members.

The officers of the Library are as follows: President, Marvin Hughitt; First Vice-President, Thomas D. Jones; Second Vice-President, Robert Forsyth; Secretary, Leonard A. Busby; Treasurer, William J. Louderback; Librarian, Clement W. Andrews.

Messrs. Holabird and Roche have prepared sketch floor plans for the utilization of a portion of the site recently acquired, which have obtained the approval of the Committee on Buildings and Grounds. For several reasons, however, the Board has decided not to begin construction before May, 1917. This delay will give an opportunity for the further study of the plans. Meanwhile a lease, to April 30, 1918, of the present quarters and some

additional space on the seventh floor of the building, has been secured.

The effects of the European war have been felt by the Library in several ways, notably in the supply of foreign books and periodicals. Notwithstanding this the collections have been increased by 15,089 volumes and 7,000 pamphlets and now contain 337,138 volumes, 8,625 maps and plates; and some 112,000 pamphlets. It receives currently 3,606 periodicals and 12,263 other serial publications. The total use was about 585,000 books and periodicals and the recorded attendance was 160,380. For further details reference is made to the appended report of the Librarian.

The report of the Treasurer, also appended, presents a statement of the income and expenditure for the year 1914, together with a statement of the assets and investments, as required by law.

Respectfully submitted,

MARVIN HUGHITT,

President.

CHICAGO, January 21, 1915.

REPORT OF THE TREASURER

· STATEMENT OF FINANCES FOR YEAR 1914

CASH

Cash on hand January 1, 1914: In bank \$ 22,892.62 Librarian, petty cash 209.76	\$ 23,102.38
RECEIPTS	
Collections account income \$226,444.53 Accounts Receivable 14,855.00 Huntington W. Jackson Fund, income - 40.00 Henry Gradle Memorial Fund, income - 150.00 Bills Collectable 9,428.88 Investments: Farm Mortgage Loans 60,200.00	311,118.41
	\$334,220.79
DISBURSEMENTS	
Audited Vouchers \$172,297.23	
Notes Payable 120,000.00	
Interest <u>2,427.04</u>	294,724.27
Cash on hand December 31, 1914:	
In bank \$ 39,302.70	
Librarian, petty cash 193.82	\$ 39,496,52

OPERATION

INCOME

Stocks - <th>\$105,397.57 42,419.00 49,843.80 12,663.11 16,625.00 313.62</th> <th>\$227,262.10</th> <th></th>	\$105,397.57 42,419.00 49,843.80 12,663.11 16,625.00 313.62	\$227,262.10	
Huntington W. Jackson Fund Henry Gradle Memorial Fund -		40.00 242.86	\$227,544.96
Less Interest on Notes			2,427.04 \$225,117.92
	KPENSE		
Administration: Rent, Light - - - Salaries, Wages - - - Supplies - - \$ 2,387.35 Less Sales - - 131.20	\$ 35,988.93 62,325.30 2,256.15		
Printing 5,543.61 Less Sales 299.89	5,243.72		
Transportation, Postage Insurance on Books, Furniture, Fixtures, etc Sundries	3,331.72 2,235.90	\$113,076.05	
Books: Books \$20,990.17 Less Sales 348.42	\$ 20,641.75		
Periodicals Binding	9,508.71 11,506.97	\$ 43,136.44	
Buildings and Grounds: Repairs	\$ 821.49 2,826.90 2,116.61 10,395.85	<i>:</i>	
Sundry Expenses	860.46	\$ 17,021.31	\$173,233.80
Surplus for year 1914			\$ 51,884.12

ASSETS AND LIABILITIES

ASSETS

Bonds	-		\$2,410,208.05	
Stocks	-		582,373.05	
Real Estate	-		1,080,000.00	
Mortgage Loans	-		475,000.00	
Farm Mortgage Loans	-		199,555.00	
Book Investment	-		511,256.41	
Furniture and Fixtures	-		25,442.17	
Unexpired Insurance	-		3,411.02	
Bills Collectable	-		86.68	
Medical Library Purchase Suspense	-		7,000.00	
Cash	-		39,496.52	
Total	-	-		\$5,333,828.90

LI	AB	IL	ITI	ES

LIA	TELETE S	
Endowment Fund		\$3,500,000.00
Building Fund		1,134,506.90
Book Fund		511,256.41
Security Reserve Fund		168,819.91
Huntington W. Jackson Fund	- , -	1.000.00
Henry Gradle Memorial Fund -	- '	3,000.00
Book Purchase Reserve		4,947.41
Reserve for Taxes		10,278.27
Accounts Payable		20.00
Total		

\$5,333,828.90

In accordance with the instructions of the Board of Directors, the Building Fund has been increased by the amount of the surplus for the year, \$51,884.12, less the balance of \$2,591.11, from the appropriation for books carried to the Book Purchase Reserve and the ninth annual charge of \$7,000 against the Medical Library Purchase Suspense Account, making a total to the credit of the Building Fund of \$1,134,506.90.

The Book Fund has been increased by the amount of the investment during the year, less depreciation, and now stands at \$511,256.41.

The income of the Huntington W. Jackson Fund and the Henry Gradle Memorial Fund has been expended for books.

Insurance is in force covering the property of the Library in amounts as follows:

Books -				-	-	-	-	\$410,000.00
Furniture,	Fixt	ures	, Etc.	-	-	-	-	26,000.00
Portraits	-	-	-	-	-	-	-	6,000.00
Type and	Case	s -		-	-	-	-	5,000.00
Buildings	-		-	-	-	-	-	195,000.00
Boilers -				-	-	-	-	20,000.00
Plate Glas	s (by	pre	miun	only	7) -	-	-	
								\$662,000.00

WM. J. LOUDERBACK,

Treasurer.

CHICAGO, January 21, 1915.

To the Board of Directors of The John Crerar Library:

Dear Sirs:—We have audited the books and accounts of The John Crerar Library, for the year ending December 31, 1914; we have examined and priced all securities, other than farm mortgages, which we found to have an aggregate market value exceeding the book value; and have verified the cash on hand and in banks.

We accordingly certify that, in our opinion, the attached statements truly exhibit the cash receipts and disbursements and the operating income for the said year, and the assets and liabilities at its close.

THE AUDIT COMPANY OF NEW YORK,

Howard Kroehl, Western Manager.

CHICAGO, January 29, 1915.

REPORT OF THE LIBRARIAN

To the Board of Directors of The John Crerar Library: Gentlemen:—The work of a modern library has so many relations with the outside world that any event of importance is almost certain to affect it. This could not fail to be so in the case of such a catastrophe as the present war in Europe, and the following report shows some of its many effects upon the routine of the Library. Most of them, of course, have been hindrances, and it is pleasant to be able to record that notwithstanding these hindrances the Library has served more people and these more abundantly than ever before, has made fairly large additions to its collections, and has accomplished much more than the usual amount of routine work.

Rooms. The decision of the Board not to begin construction of the permanent building before 1917 has made it necessary to obtain the additional space required to shelve about 40,000 volumes and even more urgently to provide in some degree for the steadily increasing use of the Library. This was done by taking about 1,160 sq. ft. on the seventh floor of the building. One-half of this became available in 1914 and has made possible a rearrangement of the staff quarters which not only gives convenient and economical space for storage of books but also relieves four members of the staff from the discomforts of poor light and ventilation. The janitors. however, suffer by the change, for they have been given the old Receiving Room, which now has only artificial light, while their old room and that of the gilder have been thrown together to make a new Receiving Room. The gilder has been given a part of the new space and the Cataloguer and an assistant occupy another part.

The members of the staff are now scattered on three floors and in different corners of the building. The loss of time in communicating with each other became so serious that an interphone system has been installed.

Department of Medical Sciences. The provisional arrangement noted in the last report by which the Classifier has been placed in charge has worked as well as could have been expected

and will be continued for the present. It is not ideal, for it requires extra exertions from all concerned, and yet it seems preferable to the alternatives which so far have offered. That it does work so well is greatly to the credit of the staff.

Special Collections. From the income of its special fund seven titles have been added to the Huntington W. Jackson Collection on Constitutional Law, which now contains 759 titles, of which 87 have been purchased from the fund.

The Senn Collection on the Medical Sciences is still in process of adjustment.

The Gradle Collection on the Eye and Ear has been adjusted. The accumulated income has been spent for periodicals and 55 volumes have been added to the 200 already having the bookplate. The total number of volumes in the collection is about 1,400. The annual income of the fund will provide for all the periodicals on the subject now received and for a considerable and very welcome addition to this number.

All of the books in the Chanute Collection on Aviation have been reclassified and catalogued and about two-thirds of the pamphlets and clippings. There are 478 titles of books in the collection and some 2,000 pamphlets and 2,000 clippings.

Attendance. The total number of visitors recorded during the year was 160,380 and the daily average was 513, an increase of 1.5 per cent over the figures of 1913, which were 157,893 and 505 respectively.

The average evening attendance, 97, was 6 more than in 1913. The average attendance on the five general holidays, 169, was 13 more than in 1913. The smallest attendance of the year was 134, on December 25th, and the largest was 987, on January 10th. The figures for 1913 were 83 and 998 respectively.

For the first time since 1910 a record was made of the attendance in the Senn Room, for the second week in December. The average was 126 a day as against 89 for the same week in 1910. The increase is 42 per cent, while the increase in the total attendance for the same period was only 15 per cent. The evening attendance bears practically the same proportion to the day as in the main Reading Room.

Use. The recorded use of periodicals shows a decided increase over the last two years, rising from 17,693 in 1913 to 18,765 in 1914.

While this is less than for 1908 to 1911 yet any increase under present conditions is remarkable. Not only are the seats at the tables more often occupied by readers of books but a considerable number of periodicals have been removed from the alcove and placed directly on the shelves, so that even the current numbers are drawn from the stacks. Moreover since August the supply of all foreign periodicals has been most irregular and from France almost entirely lacking.

The decrease in the admissions to the stacks from 3,466 in 1913 to 2,472 in 1914 is attributed chiefly to the cessation of two special lines of work which together employed some six persons nearly every day. This is indicated by the fact that two-thirds of the decrease was in the use of passes. Of the 2,472 admissions recorded, 1,686 were by registration and 786 on presentation of 29 passes. Two-additional passes have been granted and two have been canceled, leaving 100 nominally in force.

This decrease in admissions to the stack, therefore, can not have contributed largely, if at all, to an increase in the calls for books from the stacks. The placing of some current periodicals on the regular shelves undoubtedly has done so, but this can account for only a small part of the recorded increase from 156,314 in 1913 to 176,368 in 1914. Using the same factor as in previous years the total use of the Library may be estimated at 585,000 books and periodicals.

A detailed classification of the call slips for books and periodicals and of admissions to the stack is given in the second table of library statistics. The following table gives a comparison of the totals and percentages for each department with the corresponding figures for 1013:

; liguies for 1913.		RECORD	ED USE		ADM	ISSIONS 1	O THE	STACK	
	1	914	1	1913		014		13	
	Total	Percent- age	Total	Percent age	Total	Percent- age	Total	Percent- age	•
Unclassified	1,606		1,183						
General Works	33,020	17	29,974	17	77	3	109	3	
Social Sciences	11,370	21	37,873	22	321	13	290	9	
Physical Sciences	20,273	ΙI	16,328	10	380	15	378	Ιİ	
Natural Sciences	12,546	7	10,351	6	226	9	253	7	
Medical Sciences	25,892	13	17,460	IO	444	18	767	22	
Applied Sciences	60,426		60,838	35	1,024	42	1,669	48	

It will be seen that the calls in the Applied Sciences were fewer than for 1913. This is the first time that this has happened for any department as a whole.. On the other hand the calls in the Medical Sciences have increased much more than proportionally.

An examination of the records for special subjects discovers few changes of any significance; the loss in the Applied Sciences is distributed over six of the twelve subjects without a large proportion in any, and six subjects in other departments show slight decreases. On the other hand botany and encyclopedias show increases of one-half and exhibitions and landscape gardening have doubled. The six leading subjects are: medicine, engineering, political economy, physics, trade and transportation, chemical technology. The only change from the year before is the dropping of trade and transportation from third to fifth place.

The loans for use outside the Library again have increased noticeably. There were granted 411 requests for 620 volumes from 86 libraries and 666 requests from 234 individuals. Two requests from libraries were refused. In 1913 the loans were 661 and the refusals three. In twelve cases the books loaned were asked for while out. Nearly all the loans to individuals are for very short periods, chiefly over night or over Sunday. The loans asked by the Library for its readers were 41 for 55 volumes from 5 libraries. All were granted.

The calls for assistance by telephone were 893, and the requests for information by letter were 151. The figures for 1913 were 721 and 144, respectively.

The orders for cameragrams were 110, requiring 1,471 sheets, for which charges amounting to \$164.85 were made. For 1913 the figures were 86 orders, 1,226 sheets, \$135.75 charges.

The time required to fill calls has been determined in the same way as for the previous year. The average time was 4.32 minutes, as against 3.84 in 1913. The increase is greatly to be regretted for it indicates a serious impairment of the efficiency of the Library's service to the public. It is due partly to the larger number of calls to be filled, partly to an unusual number of changes in the attendants and pages, and partly to the insufficiency and unreliability of the mechanical equipment.

The record of the causes of failures to supply books called for, which should have been supplied, is as follows: at bindery, 484; otherwise unavailable temporarily, mostly burned or stolen and not yet replaced, 69; in use by another reader, 700; withdrawn from general circulation, 32; not found on shelves, 734; errors of library assistants or records, 91; total, 2,110. The total is 1.19 per cent

of all the call slips presented. Excluding the first four causes as unavoidable, the avoidable failures were 0.46 per cent. For 1913 they were 0.43.

Publications. In May the Library issued its *Nineteenth Annual Report*, a pamphlet of 74 pages. An edition of 5,500 copies was printed and distributed. It contained beside the usual matter a portrait of the late Henry W. Bishop and the Resolution adopted by the Board.

The first portion of the List of Histories of Industries has been sent to the printer.

The numbers of the various publications remaining in stock are given in the following table, which shows their distribution during the year:

ing the year.				DIS	TRIBUT	ION
TITLE	Date	Edition	On hand Dec. 31	Exchange or Gift	Sale	On hand Jan. 1
Current Periodicals Bibliographies of Special	1902	1,000	122	8	2	112
Subjects	1902	966	16	2		14
Books on Industrial Arts	1904	980	26	6	2	18
Bibliography of Union Lists	1906	317	135	6	1	128
Books Exhibited	1907	2,000	925	17		908
Books in Reading Room	1909	956	223	6	2	215
Current Medical Periodicals	1910	1,000	6 2	I		61
History of Science	1911	1,000	287	20	2	265
Current Medical Periodicals	1913	1,038	326	20	23	283
Handbook	1913	1,038	338	109		229

Printed Cards. The distribution of one copy of each catalogue card to the Armour Institute of Technology, Chicago Public Library, Field Museum of Natural History, Library of Congress, Northwestern University, University of Chicago, and the University of Illinois, has been continued; also the sending of one copy of each card printed by the Library to Columbia University, Harvard University, New York State Library, Princeton University, Royal Library at The Hague, St. Louis Public Library, University of California, University of Michigan, and Yale University. Six partial orders were received. The distribution amounted to 203,957 cards, of which 85,645 were sent to the depository libraries, 1,821 sent as gifts, and 116,491 sold or sent in exchange.

From the Library of Congress there have been received 34,625 cards, of which 3,485 were reprints, making a total of 599,531; from Harvard University 7,707; from the Royal Library of Berlin 21,135; from the Royal Library at The Hague 4,699; from the University of Illinois 6,377, of which 39 were reprints; and from the

University of Chicago, 1,866; making a total of 714,545 for the Union Catalogue.

Selection and Ordering. The selection of new titles is nearly up to date and the revision of the older ones is nearly completed. It may be of interest to note here what the first statement means. There are read regularly by the Librarian thirteen monthly, weekly, or daily lists, counting the fourteen lists from the Library of Congress as one. The many special lists and booksellers' and auction catalogues are not included. contain approximately 160,000 entries of perhaps 100,000 titles. Of the entries, about 60,000 are marked for consideration and divided into those to be purchased at once, those to await further consideration or information, those not to be purchased, those for serials or parts of serials to be checked against standing orders, etc. Of the 60,000 about 20,000 are marked to be ordered, but these are reduced by the elimination of duplicates, of books bought on inspection, and those received as gifts, to about 12,000. This is the number of orders which should be given each year if the Library is to receive promptly all the apparently desirable new material in its lines.

Unfortunately it has not been possible to give this number of orders in most years and it consequently becomes necessary to revise the lists as each subject is taken up in its turn. The bad effect of these accumulations has been intensified by the war, which has cut off entirely the supply of French works and has greatly lessened the receipt of German and others, especially of those sent on inspection. Indeed for three months no orders were given except for American and English works, while there are outstanding July orders to the amount of nearly \$1,000 (one sixth of all outstanding), and all orders on one agent in Paris, amounting to fully \$1,000, had to be canceled. It will be seen that the new system has again failed to obtain a fair trial, yet the first series of orders has been given for all subjects and the second series has made progress in the Natural Sciences.

During the year 8,142 orders were given. Of these 886 failed or were canceled, leaving 7,276 valid orders, covering, with the standing orders for continuations, 12,050 volumes at an estimated cost of \$24,389; 7,040 orders were filled, covering 12,615 volumes at a cost of \$20,642. There are left outstanding, in addition to

the orders for continuations, 2,707 orders, at an estimated cost of \$6,009; of these 848 were given before January 1, 1914. The distribution of the orders of the year, of the total to the end of 1914, and the estimated cost, to the nearest dollar, are given in the second table of library statistics. The unclassified orders were to replace volumes burned or were purchases by Dr. Lichtenstein in South America; the greater part of the latter are still in Cambridge and Montevideo and are not included in the table, though their cost is.

Accessions. The total accessions of volumes for 1914 have been 16,300, of which 3,685 have been received as gifts and 12,615 obtained by purchase. Volumes made by binding serials are included in these figures. There have been withdrawn 1,211 volumes, leaving the net accessions for the year 15,089, which, with the 322,049 reported for 1913, make a total now on the books of 337,138. There remain to be entered only the Laufer purchase, about 14,000 volumes, and less than 2,000 volumes of the Gerritsen purchase. These have their own catalogues, and particular books can be obtained when asked for, so that the total number of volumes available is about 353,000.

The accessions of maps and plates for 1914 were 4,824, and the total entries are 8,625. Nearly all were from the Levasseur collection. About 850 additional have been prepared for entry and many more remain to be treated. Provision for this work, and for the new cases required to hold this valuable collection, has been made in the appropriations asked for.

Few pamphlets have been obtained by purchase, but the number received as gifts was 13,196. Author slips for 3,539 titles were filed in the official catalogue, and the classified collection has been increased by 8,493 pamphlets. The last number includes the preceding, but these two have no necessary connection with the first. Many of the pamphlets received are duplicates, and many more are continuations, or for various reasons are put elsewhere than in the pamphlet collection. On the other hand, many pamphlets already in the Library have been classified and entered in the official catalogue. Of the 8,493 net accessions to the classified collection, 768 were from the Gerritsen purchase, 159 from the Senn Collection, and 575 from other accumulations, leaving some 6,991 as the new accessions of the year. The total in the

Library is approximately 112,200. Their classification is shown in the second table of library statistics.

The following table shows the distribution of the net accessions for 1914 and of the totals entered, by departments, together with the percentages of the classified volumes:

DEPARTMENT	Volumes	1914 Per cent	Pamphlets	Volumes	TOTAL Per cent	Pamphlets
Unclassified	603			16,957		30,600
General Works	1,843	13	1,211	45,248	I 4	12,879
Social Sciences	4,416	31	2,679	84,900	27	26,574
Physical Sciences	1,056	7	1,365	27,578	9	4,235
Natural Sciences	1,493	10	159	32,411	10	3,165
Medical Sciences	1,927	13	1,814	64,826	20	23,842
Applied Sciences	3,751	2 6	1,265	65,218	20	10,907
Total	15,089		8,493	337,138		112,211

The new method of ordering will always produce temporary irregularities in the growth of the Library, so that it is a more exact test of the proportionate growth to compare the present percentages of the total number of volumes with those of five years ago. Such a comparison shows that General Works have lost one point, Social Sciences gained three, Physical Sciences remained the same, Natural Sciences lost one, Medical Sciences lost one, and Applied Sciences remained the same.

The periodicals currently received are 3,606, of which 915 are received as gifts and 2,691 obtained by subscription at an estimated cost of \$10,355. Actually, however, the expenditure was only \$9,508.71 because of the interruptions of the service and the suspensions of publication caused by the war. Indeed, its effects were felt first in the Periodical Alcove. Consignments of books continued to come throughout August, having been started before the first of the month, but the periodicals ceased almost at once. The English were received again early in September, the German early in November, but only a very few of the French have come at all. It is understood, moreover, that many scientific periodicals will suspend publication during the war, but no authoritative statements can be obtained. All subscriptions should be renewed in order to avoid as far as possible bad breaks in the sets, but it is certain that many such will occur and require to be filled by purchase afterwards. Because of these conditions the Board has been asked to increase the appropriation for 1915 and to provide that the unexpended balance shall be added to the Book Purchase Reserve.

The assistant in charge of the Continuation Record reports 921 titles added to the list and 314 withdrawn, leaving 12,263 at the end of the year. About 5,243 are obtained by subscription at a cost in 1914 of \$4,705.26. These furnished 1,301 volumes entered on the record of accessions. The other continuations were received as gifts or in exchange, and furnished 1,600 volumes. For the gifts 1,300 first and 123 second requests were sent and 27 reported to the Librarian for personal letters. For the purchases 185 first and 10 second notifications were sent and 13 reported to the Librarian. Here again the effects of the war are very noticeable and will be still more so next year. The expenditure, notwithstanding the increase of 360 in the number obtained by purchase was less than in 1913 by \$1,300 and the number of volumes bound fewer by 330. In part this is due to the non-receipt of issues but probably more to the postponement of publication.

It is not yet possible to estimate the results of Dr. Lichtenstein's tour of South America. The most important of his purchases have been collections bought on joint account and these are still in Cambridge or on the way there. The final distribution cannot take place until after Dr. Lichtenstein's return. Some smaller purchases have been sent to Chicago, and from these there have been entered 614 volumes and 216 pamphlets, some of which are of great interest.

A small but interesting collection of material distributed at the International Exhibition of the Book Industry at Leipzig was made for the Library by Mr. S. Mortensen, then of Christiania. The larger portion was pamphlet material illustrating the graphic arts but some 25 volumes were included in the accessions of the year.

Other important purchases of the year were a set of the proceedings of the Board of Arbitration in the controversy between the Eastern railways and the Brotherhoods, Silva's *Diccionario bibliographico Portuguez*, a collection in 187 volumes of papers bearing on important patent cases, a collection of 400 items on rapid transit in Boston, a large collection of British documents on education, and smaller collections of the public documents of Venezuela and Tennessee.

Several sets of periodicals have been purchased, among which may be mentioned: Annalen der Oenologie, Annales des travaux publics de Belgique, the annual volume of the Institute of Marine

Engineers, Annuario del R. Istituto botanico di Roma, Independent, Metaphysical magazine, Tidsskrift for nordisk retsmedicin og psykiatri.

The number of donors and the gifts were about the same as in the last few years. There were received 6,962 volumes and 13,196 pamphlets from 2,903 donors. The volumes entered in the accession record were 3,685. The figures for 1913 were 6,384 volumes, 14,800 pamphlets, 2,514 donors, and 3,422 entries.

The Cuban Government very kindly sent a collection of its documents, and the New York State Library a large consignment of New York documents. The Geological Survey of Tasmania sent a set of its publications and has placed the Library on its mailing list. Several collections of medical works were received from physicians of the city, notably, Drs. Nelson, Schirmer, and Stanton, and from the American Medical Association. Other noteworthy gifts were 86 volumes and 2,328 pamphlets on technical subjects from Dr. H. E. Horton, including some unique manuscript and record material; 777 volumes of college publications from Northwestern University; and 100 volumes from Lewis Institute.

Duplicates. The sales of the year amounted to 245 volumes and 2 pamphlets for \$334.10. On priced exchange, 43 bound volumes, 6 unbound volumes, 11 pamphlets, and 14 numbers, valued at \$24.80, have been sent; 70 bound volumes, 16 unbound volumes, 51 pamphlets, and 182 numbers, valued at \$179.33, have been received. On piece exchange, 4 bound volumes, 18 unbound volumes, and 32 numbers have been sent; 62 bound volumes, 41 unbound volumes, 300 pamphlets, and 27 numbers have been received. One pamphlet was sent as a gift.

The only important sale was that of 242 bound volumes of architectural periodicals for \$331 to the Art Institute of Chicago in accordance with the decision of the Board not to collect material of interest chiefly to architects.

Inventory. The seventh inventory has been completed. Shelf numbers 300 to 399 were read, 213 serious misplacements corrected, 64 volumes not found, but 28 previously reported missing were found, so that the net loss from these shelves was 36 out of 85,000 or 4 in 10,000. From the delivery desk six were lost and two found, from the main Reading Room nine were lost and from the Senn Room, twenty, making the net loss for the year 69. The

total loss for the inventory is 166 out of 337,000 or 5 in 10,000 and the total for 18 years is 371, or 11 in 10,000. While the number of losses from the Reading Rooms is the same as in 1913, the mutilations are many more, being 33, of which only 12 have been replaced. One offender was detected. The theft and mutilation of periodicals also have increased; 100 numbers have been taken and 66 mutilated, as against 50 and 30 in 1913; 24 have still to be replaced.

Binding. On January 1st, 1914, there were at the binderies 620 volumes, and 11,809 were sent during the year; 11 were returned as incomplete, and 11,732 bound; leaving 686 at the binderies December 31st, 1914. About one-quarter were bound by The Newberry Library. The cost of binding was \$11,507, an average of \$0.98 per volume. There appear to be several reasons for the average cost being so much lower than ever before. One is the increasing use of cloth bindings instead of leather, but probably the chief one is the larger proportion of small books, due partly to the work on the Gerritsen purchase and partly to the decrease in books containing plates from the continuations and periodicals. The cost of shelf-marking the accessions of the year, together with a considerable amount of repairing, inserting book-plates, and similar work, was \$1,479.

Catalogues. The Cataloguer reports that during the year 6,474 new titles have been prepared for print; 107 new titles typewritten; 57 titles prepared for print to replace old typewritten titles, and 15 to replace Library of Congress titles; 4,734 titles received from the Library of Congress and 180 from other libraries have been classified for the catalogues; 480 titles have been prepared for the co-operative analysis of serials. The total number of titles treated by the Cataloguer and Classifier and their assistants has been 13,829, an increase of 1,144 over 1913, and the largest number treated in any one year. The titles reprinted in correction of errors were 120 and for other alterations 1,008. Cards for 6,155 new titles and 1,063 reprinted titles were received from the printer; electrotypes for 948 new titles and 596 reprinted titles from the electrotypers. The total number of separate titles prepared for print to date is 99,500; of sets of cards received, 98,163; of electrotypes, 60,884.

The number of orders sent to the Library of Congress on triplicate order sheets was 7,756, and reports were received on 7,548,

leaving 208 outstanding. There were cards for 2,469 titles on hand January 1st, 1914; 5,760 were received during the year, and 9 were taken from the file of those previously withdrawn; cards for 5,129 were used, and for 595 withdrawn from the file, leaving those for 2,514 on hand December 31st. Of those withdrawn 536 titles were returned to the Library of Congress and 5 were replaced by reprinted cards. Of the 5,760 titles received, 696 were analytical titles from 328 serial publications. Of the 2,514 titles on hand, 503 are for book orders before 1914, 802 for those of 1914, 374 for regular standing orders, and 835 for two special analytical orders.

The work of the Library in the co-operative analysis of serials has been continued. It has supplied 480 titles and has received cards for 2,602. Of the titles received, 351 have been filed in the public card catalogues; one copy of 1,038 filed in the official catalogue; and 468 have been sold. A revision of the list of serials analyzed has been undertaken by the A. L. A. Publishing Board which it is hoped will not only make the publication again self-supporting, notwithstanding the increased cost of printing, but also will make the list more consistent in character and the work more generally useful to the subscribers. If these expectations are realized the coming year will see fewer titles printed but a much larger proportion of them placed in the public catalogues.

There have been added 28,772 cards to the classed catalogue, which now contains some 160,100 titles on 412,504 cards, an average of 2.58 cards per title; 19,714 cards have been filed in the author catalogue, which now contains the same 160,100 titles on 282,800 cards, an average of 1.77 cards per title and also 929 A. L. A. cards for 929 titles; 375 guides and 5,141 cards have been added to the subject index, which now contains 24,000 guides and 57,800 cards covering 137,544 titles, an average of 0.42 card per title.

The distribution of the cards in the classed catalogue, by departments, is shown in the following table:

		CARDS
DEPARTMENT	1914	TOTAL
General Works	8,784	137,438
Social Sciences	7,752	104,742
Physical Sciences	2,062	29,113
Natural Sciences	2,339	46,765
Medical Sciences	3,576	30,771
Applied Sciences	4,259	63,675
Total	28,772	412,504

Of the 160,100 titles in the public catalogues about 97,000 are on cards printed by the Library, about 50,300 on Library of Congress cards, about 11,400 on A. L. A. co-operative cards, 280 on other printed cards, and about 1,100 are typewritten.

There have been added 11,311 cards to the index of government publications, making a total of 84,541 in this index. The index of analytical cards issued by the U. S. Bureau of Education has received 965 cards, and now contains 12,933 cards. It has been found that there is a considerable amount of duplication between these two indexes. By a change in the orders this duplication will be avoided in future and the indexes will be consolidated.

Thanks to hard work and better working conditions, the cataloguing staff have been able to make the record in the treatment of titles which has been noted above. Partly because of this and partly because of the diminution of foreign books received, the arrears of all kinds have been reduced noticeably. Most work has been done on the Gerritsen purchase and the Senn Collection, but the routine arrears and the older books in the Medical Sciences have not been neglected. The total number of shelves of arrears of all kinds has been reduced from 1,098 to 922, and 144 of these are the Orientalia, which cannot be treated by the regular staff.

Exhibitions and Meetings. The Library joined in the exhibit of American library methods formed by the American Library Association as part of the International Exhibition of the Book Industry and Graphic Arts held at Leipzig from May to October. According to all accounts this exhibition was by far the most interesting and instructive one on the subject ever gathered together. Notwithstanding the outbreak of the war it was kept open the full time planned and continued to draw crowds to the last, though naturally there were few foreigners after August 1st. The Library's contribution consisted of a set of its publications, copies of its forms, and a sample of its triple card catalogue; these were enough to show the peculiar character of the Library and something of its work.

The Library took part in the Medico-historical Loan Exhibit of the St. Louis Medical History Club and the Missouri Historical Society at St. Louis, December 3d to 24th. The time was a week longer than originally planned because of the general interest in the exhibition. Ten of the incunabula from the Senn

Collection were sent, and a card catalogue of all the very early medical literature in the Library; the incunabula were chosen with care to illustrate certain steps in medical history and proved to be a welcome addition.

The Library was represented officially by the Librarian and Cataloguer and unofficially by two other members of the staff at the annual meeting of the American Library Association at Washington, May 25th to 29th; officially by the Assistant Librarian at the annual meeting of the Illinois Library Association at Springfield, October 21st to 23d; and officially by the Librarian or Cataloguer at the regular meetings of the Council for Library and Museum Extension.

Staff. The return of the Reference Librarian, Mr. E. D. Tweedell, with his health apparently fully restored, has been the most important change in the staff, and one most welcome to readers, the administration, and his colleagues. It is with very different feelings that record is made of the death, on September 3d, of Mr. Henry Bahnsen, junior assistant. Mr. Bahnsen served the Library faithfully and satisfactorily for nearly nine years, having entered the service as page in November, 1906. His death is sincerely regretted and yet we must be thankful that it is only the second that has occurred among those at the time in the service of the Library in the twenty years that it has been established.

Mr. R. J. Usher, who served most acceptably as Reference Librarian during Mr. Tweedell's absence, and afterwards gave the Library temporary special service, has taken a position in the University of California Library.

The following persons have resigned: Miss E. W. Graves and Mr. E. A. Freeman, junior assistants; Messrs. M. Deitenbeck, A. N. Jacobson, and Wm. Jaffe, attendants; Henry Everaert, page; two pages have been dismissed.

The following have been appointed: Miss Elizabeth E. Wilson and Messrs. Milton A. Brown and John A. Krauth, junior assistants; Miss Elsebeth Martens, temporary junior assistant; Miss Ruth Borch and Messrs. Alphonse Comyn, Benjamin Jaffe, Guido V. Mariotti, D. J. Porto, Meyer Richman, and Walter Thiele, attendants; John Kolenburg, Peter Krummick, John Pratt, and Irwin Stepek, pages.

The following have given or are giving temporary service: Mr.

Robert J. Usher as Reference Librarian and as temporary Assistant Reference Librarian; Mr. J. Christian Bay as Medical Reference Librarian; Miss Grace Kelley as Assistant Classifier; Miss Harriet E. Penfield as senior assistant; Misses Florence E. Durkee, Beatrice Mulford, and Anna D. White and Mr. Vilhelm Slomann as junior assistants; Misses Ruby B. Lane and Ida M. Wallace and Mr. Wilbur E. Stone as attendants.

The improvement in physical surroundings has made it possible for the hard work of the staff to give results commensurate with the efforts and it is hoped that the Board will feel that the results are satisfactory and the work effective.

Respectfully submitted,

CLEMENT W. ANDREWS.

Librarian.

CHICAGO, January 21, 1915.

LIBRARY STATISTICS: 1

RECORD OF ATTENDANCE AND USE FOR 1914

	JAN.	JAN. FEB.	Максн	APRIL	MARCH APRIL MAY JUNE JULY AUGUST SEPT.	JUNE	July	AUGUST	SEPT.	Ост.	Nov.	Nov. DEC.	Тотац 1914	Тотац 1913	IN- CREASE PER CT.
Visitors	16,845	15,499	15,502	14,140	13,014	11,219	11,134	12,010	11,001	12,131	12,895	14,990	16,845 15,502 14,140 13,014 11,219 11,134 12,010 11,001 12,131 12,895 14,990 160,380 157,893 624 646 596 544 501 443 442 449 516 555 513 505 1.5	157,893	1.5
Calls for Books from Stack 16,379 15,367 16,815 14,860 15,461 11,579 11,952 12,324 12,389 15,172 15,619 18,451 176,368 156,314 -2.889 176,368 176,368 176,368 156,314 -2.889 176,368 176,36	16,379 607 2,074 77	15,367 640 1,505 63	16,815 647 1,749 67	14,860 572 1,502 58	15,461 595 1.420 55	11,579 445 1,593 61	11,952 443 1,167 43	12,324 474 1,329 51	12,389 477 1,372 53	15,172 562 1,695 63	15,619 625 1,627 65	18,451 683 1,732 64	176,368 564 18,765 60	156,314 500 17,693 57	12.8
Visitors' Admitted to Stack	241	219	183	177	241 219 183 177 179 208 241 161 184 230	208	241	191	184	230	222	227	227 2 472 3,466 *40.2	3,466	*40.2

Smallest attendance, 134 on Dec. 25th. Largest attendance, 987 on Jan. 10th. Smallest number of calls for books, 235 on Dec. 25th. Largest number, 1,269 on March 7th.

COMPARISON BY YEARS

*Decrease

1914	160,380	6,995 15,367 18,890 23,996 32,193 39,606 50,264 59,561 67,386 113,565 104,435 108,662 107,006 124,819 139,386 142,262 156,314 176,368 30 50 61 77 103 127 161 190 216 363 334 346 348 349 447 453 500 564	18,765	2,472	337,138
1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1914 1915 1914 1915 1914 1915 1914 1914	157,893	156,314 500	3,864 7,213 8,013 8,667 9,741 12,250 13,264 15,178 15,472 14,722 17,449 20,980 20,261 19,990 19,707 17,784 17,603 18,765 50 17,784 17,603 18,765 50 19,707 17,784 17,603 18,765 17,765 18,765 17,765 18,765 17,765 18,765 17,765 18,765 18,765 17,765 18,765 17,765 18,765 18,765 17,765 18,765 18,765 17,765 18,765 18,765 17,765 18,765 1	656 1,017 1,019 1,046 1,167 1,193 1,608 1,681 1,690 1,1944 2,671 2,437 2,430 2,460 4,018 3,466 2,472	322,049
1912	154,834	142,262	17,784	4,018	307,350
1161	143,858	139,386	19,707	2,460	286,829
0161	138,353	124,819 399	19,990	2,430	268,153
1909	134,579	107,006 343	20,261 65	2,437	251,281
1908	130,049	108,662 346	20,980 67	2,671	232,403
1907	109,677	104,435	17,449	1,944	215,144
9061	101,839	113,565	14,722	069,1	197,440
1905	92,244	67,386 216	15,472	1,681	142,971
1904	87,494	195,65	15,178	309,1	123,018
1903	76,429	50,264	13,264	1,193	103,291
7.061	66,512	39,606	12,250	1,167	89,219
1061	54,828	32,193 103	9,741	1,046	76,432
1900	41,697	23,996	8,667	1,019	65,645
1899	34,827	18,890	8,013	1,017	55,223
1 8981	30,516	15,367	7,213	959	43,061
1897 9 MOS.	18,584	6,995	3,864	359	29,141
	Wisitors 18,584 30,516 34,827 41,697 54,828 66,512 76,429 87,494 92,244 101,839 109,677 130,049 134,579 138,353 143,858 154,834 157,893 160,380 Baily Average 80 99 113 175 213 244 279 321 351 414 442 462 493 555 513	Calls for Books from Stack Daily Average	from Alcove	to Stack	Volumes in Library 29,141 43,061 55,223 65,645 76,432 89,219 103,291 123,018 142,971 197,440 215,144 232,403 251,281 268,153 286,829 307,350 322,049 337,138

LIBRARY STATISTICS: II

						Acc	ACCESSIONS						
Subjects		S. C.	URDERS		Voi	VOLUMES	PAMI	PAMPHLETS	LEKIO	FERIODICALS	LEC	AECORDED (OSE
	1	1914	Total	<u>a</u>	1914	Total	1914	Total		1914		1914	
	Vol.	Est. Cost *	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost*	Books	Period- icals	Stack
	1,212	\$ 5,675	57,292	\$ 65,717	603	16,957	1	30,609			909,1	-	;
I.—GENERAL WORKS:	9	\$ 212	2.460	6670	17	1 258	88,	77.	Ξ	6	724	2	2
Diblicance	7.1	110	1,100	0,0,0	, ,	2,70	300	5//4	- :	07	5,5/0	3;	2
1 bibliography	26	9/4	4,7/0	12,622) 0,4	0,041	133	1,541	132	412	1,445	172	1
	2 %	200	1,0/1	1,903	5 5	/10,7	701	1,135	3	47/	000		; •
Collected Would of Authors	3 6	21	1,451	2,931	4°	1,5/0	_ 1	57	t. 1		372	1	7
Conecied work	127	128	300	220,1	2,5	297	~ :	868	1 1		340	: 5	; ;
	00	285	0,0 7 7 7 7 7 7	14,550	178	6 402	17.	8	112	360	4,179	210,4	۱ -
Exhibitions and	1		1,515	200	2 =	1 630	> -	8	771	607	4,55/	5	2 ′
Dhilosophy	30	200	2.074	2,030	+∞	2 1 2 2	7 2	300	ς. Σ		4/5	į	1
13. If Psychology	67	102	2,328	3,155	138	2.87	172	212	7 2	£-51	6265	242	12
40 Philology	28.	42	1,061	2.150	4	1.070	212	90	÷		707	1	. "
90 History and Geography	370	754	6,080	14,627	238	8,180	101	1.087	12	OI	800		34
- 1	151	254	7,603	6,496	330	3,719	ĺν.	210	33	56	1,287	170	. 2
	1,163	\$ 2,611	41,038	\$ 75,817	1,843	45,248	1,211	12,879	586	\$ 1.395	28,098	4,922	77
II.—Social Sciences:													
17 Ethics	. 27	\$ 28	1,319	91,160	42	015,1	12	634	IO	50	1,844	20	2
20 Religion	9	24	703	926	32	928	251	1,398	6	ı	1,018	17	ı
30 General Works	93	8	4,258	4,893	179	3,983	135	716	† 9	147	4,700	315	41
31 Statistics	216	321	3,177	4,101	235	3,537	02	6×1	45	20	9 8	9,	6
32 Folitical Science	H	215	3,250	4,103	9	2,007	101	1,837	61	25	2,198	07	٥ (
33 Follical Economy	311	404	12,41/	12,450	827	15,040	511	0,751	194	354	0,040	1,225	102
Administration	43	130	1,66,1	4,070	103	3,013	77	020	14	70	601,1	1	-
and)			0.00	000		.00			00		000	,	
A Associations and Institutions	307	413	0/0/01	11,002	1,002	24,301	244	2,441	00	273	5,004	142	12
-	107	100	21,0	3,530	107	2,333	451	4,514	50.5	000	500	134	2 8
38 Commerce and Communica-	5/3	300	0,444	(1/72	20/	12,200		700'/	170	071	5,410	707	2
tion	111	154	2,977	3,755	337	5,443	222	1,366	89	89	2,161	579	7.
39 Custom, Folklore, etc	. 5	45	1,733	2,183	96	1,931	33	1,046	19	11	2,399	13	2
	1,605	\$ 2,437	54,555	\$ 60,822	4,416	84,900	2,679	26,574	718	\$1,147	38,640	2,730	321

*To nearest dollar.

		ċ	Oppose			ACCESSIONS	SNOIS		Dane	Designation	200	Percent Iles	Ten
SUBJECTS		5	CDEKS		Vol	VOLUMES	PAMP	PAMPHLETS	LEKKI	ODICALS	NB.	OKDKD	1 C S R
	-	1914	Tc	Total	1914	Total	1914	Total	H	1914		1914	
III.—PHYSICAL SCIENCES:	Vol.	Est. Cost*	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost*	Books	Period-	Stack
50 General Works	57	\$ 192		150	83	4.319	7	202	46	\$ 05	1,181		1
51 Mathematics	184	194			224	4,211	8	222	40	105	3,405		21
52 Astronomy	91	82	3,897	8,314	93	4,293	23	429	46	79	1,8	83	7
53 Physics	87	861		_	331	7,979	1,104	2,500	72	242	8,020		100
54 Chemistry and Mineralogy	307	381			325	9/1/9	176	882	5	352	5,160		243
W ATHERT STREETERS	651	\$ 1,047	25,883	\$ 47,407	1,056	27,578	1,365	4,235	254	\$ 873	19,567	206	380
55 Geology	819	\$ 1.130	6.418	\$ 12,115		7.130	40	1.117	106	\$ 267	2.851	13	70
56 Palæontology	54				.81	777	'n	85	∞	40,	92) H	1
in General	282	843		27,809	379	9,561	23	488	186	556	3,812		27
58 Botany	250	984	×,620 2,620 2,82	18,818	278	5,932	51	452	104	330	1,959	2,8	12.2
	1,522	\$ 4,421	ധ	\$ 99,299	1,493	32,411	159	3,165	544	\$2,101	12,418	_	226
VMedical Sciences	1,549	\$ 2,793		75,082 \$101,514	1,927	64,826	1,814	23,842	727	\$ 2,141	25,892		444
VI.—APPLIED SCIENCES:	ļ	•		1		1	,	1					70*
62 Engineering	1.451	\$ 537	5,141	\$ 10,319	1.210	7,450	370	510	246	241	2,397	2,661	300
63 Agriculture	603	730		8,933	689	10,695	533	3,444	_	139	5,635		911
64 Domestic Economy	202	173		1,739	202	2,058	17	305		OI	1,636		01
55 Trade and Transportation	1,006	1,128		10,466	230	7,840	121	1,429		154	7,910		73
oo Chemical Lechnology	218	517	4,827	9,021	281	5,057	27	000	75	204	0,574		230
60 Building	119	3 2		0/0/4	113	280,0	3 6	75.		72	2000		3 0
71 Landscape Gardening	2			1,202	7,	010	30	2.2		7.7	430		,
	†183	†222		3,628	4186	1,682	Io	136			1,589		91
73-76 Drawing, Design, etc.	119	376		6,035	40	906,1	13	141	9	91	2,344		4
77 Photography	36	36		853	61	1,915	35	235	29	48	1,271		28
Total	4,348	\$ 5,405	52,565	\$ 85,730	3,751	65,218	1,265	10,907	, 777	\$1,666	50,147	10,279	1,024

LIST OF DONORS IN 1914

Volume Pamphl		Volume Pamphl	
A. T. Still Research Institute,		Albany Medical Annals, Albany,	
Chicago, Ill	3	N. Y	10
Aarhus, Statsbiblioteket, Aarhus,	Ü	Albany Medical College, Albany,	
Denmark	4	N. Y	6
Abbott, Grace, Chicago, Ill	I	Albany Society of Civil Engineers,	
Abell, A. S., Company, Chicago, Ill.	I	Albany, N. Y	I
Aberdeen University, Aberdeen, Scot.	I	Albert G. Lane Technical High	
Abraham, I., St. Louis, Mo	I	School, Chicago, Ill	I
Abt, Dr. Isaac A., Chicago, Ill	4	Alberta, Dept. of Agriculture, Ed-	
Academia de Sciencias de Portugal,		monton, Alta	14
Lisbon, Portugal	I	Alberta, Dept. of Education, Ed-	
Academy of Science of St. Louis,	_	monton, Alta	2
St. Louis, Mo	I	Alberta, Dept. of Public Works,	_
Acorn Club, New Haven, Conn Actuarial Society of America, New	1	Edmonton, Alta	I
Vorb N V		Alberta, Provincial Secretary, Edmonton, Alta	•
York, N.Y	I	Alexander Hamilton Institute, New	2
Mass	I	York, N. Y	1
Adelaide Chamber of Commerce,	1	Alexandria Sunday Times Alex-	1
Adelaide, S. A	I	Alexandria Sunday Times, Alex- andria, Va	I
Adirondack League Club, New	•	Allan Line Steamship Company,	•
York, N. Y	ī	Montreal, Que	2
Aero Club of America, New York,	•	Allegheny College, Meadville, Pa.	ī
N. Y	I	Allegheny Observatory Allegheny	•
Aetna Powder Company, Chicago,		Pa,	ī
$Ill\ldots \ldots$	I	Pa	•
Agricultural Research Institute,		<i>Ill</i>	I
Pusa, India	4	Aluminum Company of America,	
Alabama Agricultural Experiment	•	Chicago, Ill	10
Station, Auburn, Ala	45	Amalgamated Association of Street	
Alabama, Dept. of Education,		and Electric Railway Em-	
Montgomery, Ala	1	ployees of America, <i>Detroit</i> ,	
Alabama, Executive Dept., Mont-		Mich	I
gomery, Ala	1	Amalgamated Copper Company,	
Alabama, Geological Survey, Mont- gomery, Ala		New York, N. Y	2
gomery, Ala	4	American Academy of Ophthal-	
Alabama Great Southern Railroad		mology and Oto-Laryngology,	
Company, New York, N. Y	I	Chicago, Ill	I
Alabama, State Board of Health,	_	American Association for Labor	
Montgomery, Ala	3	Legislation, Madison, Wis	4
Alabama, State Game and Fish Commissioner, Montgomery,		American Association for Study and	
		Prevention of Infant Mortality, <i>Baltimore</i> , <i>Md</i>	
Alabama, State Highway Com-	4	American Association of General	I
mission, Montgomery, Ala	2	Passenger and Ticket Agents,	
Alabama, State Tax Commission,	3	Boston, Mass	1
Montgomery, Ala	I	American Association of Genito-	
Alabama, Supt. of Banks, Mont-	•	Urinary Surgeons, New York,	
gomery, Ala	I	N. Y	1
Alaska, Governor, Juneau, Alaska.	Î	American Association of Obstet-	•
Alaska Packers Association, San	_	ricians and Gynecologists,	
Francisco, Cal	3	Cincinnati, O	I
Albany Chamber of Commerce,		American Association of Public	
Albany, N. Y	I	Accountants, New York, N. Y.	1

Volumes Pamphle	or	Volume: Pamphl	s or
American Association of Workers	v3.	American Humane Association,	CL3.
for the Blind, Uniform Type	_	Albany, N. Y	3
Committee, New York, N. Y American Bankers' Association, New York, N. Y	I	American Institute of Architects, Washington, D. C	2
New York, N. Y	1	American Institute of Consulting	-
American Bison Society, Groton, Mass	I	Engineers, New York, N. Y American Institute of Electrical	2
American Boiler Manufacturers'		Engineers, New York, N. Y.	1
Association of U. S. and Can-		American Institute of Mining En-	
ada, Cleveland, O	2	gineers, New York, N. Y American Iron and Steel Institute,	5
Ill	2	New York, N. Y	I
Ill	6	American Iron and Steel Institute, Bureau of Statistics, Phila-	
Chicago, Ill	U	delphia, Pa	ΙI
New York, N. Y	I	delphia, Pa	_
American Canoe Association, New York, N. Y	I	terology, Philadelphia, Pa	I
American Car and Foundry Co.,	-	American Journal of Veterinary Medicine, Chicago, Ill	I
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cago, Ill	2	Cheney, Wash 2
Vocation Bureau, Boston, Mass Von Frantzius, Fritz, Chicago, Ill.	3	Washington Sugar Bureau, Wash-
Von Ruck Research Laboratory for	2	ington, D. C
Tuberculosis, Asheville, N. C	1	struction, Olympia, Wash 4
Voorhees Industrial School, Den-		Washington Tuberculosis Hospital,
mark, S. C	I	Washington, D. C 4 Washington University, St. Louis,
Philadelphia, Pa	3	Mo 20
Wagner, Napoleon, Denver, Colo	1	Watson, Dr. Leigh F., Oklahoma
Wahl-Henius Institute of Ferment- ology, Chicago, Ill	_	City, Okla II Watt, Charles E., Chicago, Ill I
Wainwright, J. T., Chicago, Ill	5 2	Weekly People, New York, N. Y I
Walker Brothers & Haviland,		Weigel, Theodor Oswald, Leipzig,
Chicago, Ill	I	Ger 2
Ill	3	Weiss, Philip, Los Angeles, Cal 2 Welcher, Adair, Berkeley, Cal 3
Wallace System of Physical Train-	J	Wellcome Chemical Research Lab-
ing, <i>Chicago</i> , <i>Ill</i>	I	oratories, London, Eng 8
Wallasey Public Libraries, Sea-	I	Wellesley College, Wellesley, Mass I Wellington, Public Library, Well-
combe, Eng		ington, N. Z
Walthamston, Eng	I	Wells College, Aurora, N. Y
Ware Brothers Company, Phila-		Wesley Hospital, Chicago, Ill I
delphia, Pa	I 2 I	Wesleyan University, Middletown,
Warren Academy of Sciences, War-		West Chicago Park Commission-
ren, Pa	1	ers, Chicago, Ill
Warren County Library and Reading Room Association, Mon-		West Hartlepool Public Library,
mouth, Ill	3	West Hartlepool, Eng I West Jersey and Seashore Rail-
mouth, Ill	·	road Company, Philadelphia,
Mass	I	Pa 4
Washington Agricultural Experi-	I	West Virginia, Agricultural Experiment Station, Morgantown, W.
ment Station, Pullman, Wash. Washington and Lee University,	15	Va.
Washington and Lee University,		West Virginia, Auditor, Charles-
Lexington, Va	I	ton, W. Va
and Supervision of Public		Banking, Charleston, W. Va 1
Offices, Olympia, Wash	1	West Virginia, Dept. of Free Schools, Charleston, W. Va 3
Washington, Bureau of Statistics and Immigration, Olympia,		Schools, Charleston, W. Va 3 West Virginia Dept of Mines
Wash	I	West Virginia, Dept. of Mines, Charleston, W. Va 1
Wash		West Virginia, Insurance Dept.,
Labor, Olympia, Wash Washington, Dept. of Fisheries and	1	Charleston, W. Va
Game, Bellingham, Wash	3	West Virginia, State Library, Charleston, W. Va 1
Washington, Geological Survey.	J	Western Australia, Colonial Treas-
Seattle, Wash	2	urer, $Perth$, $W.A$ 2

Volume Pamphl		Volumes Pamphle	
Western Australia, Dept. of Agri-		Wisconsin Academy of Sciences,	
culture and Industries, Perth,		Arts and Letters, Madison,	
W. A	I	Wis	
Western Australia, Dept. of Mines,		Wisconsin Agricultural Experiment	
Perth, W. A	3	Station, Madison, Wis	23
Western Australia, Geological Survey, Perth, W. A Western Australia, Registrar Gen-		Wisconsin Archæological Society,	
Survey, Perth, W. A	9	Milwaukee, Wis	
Western Australia, Registrar Gen-		Wisconsin Butter Makers' Associa-	
eral, $Perth$, $W.A$	13	tion, Madison, Wis]
Western Pine Manufacturers Asso-		Wisconsin Clay Manufacturers As-	
ciation, Spokane, Wash	I	sociation, Madison, Wis]
Western Railway Club, Chicago,	_	Wisconsin, Commissioner of Bank-	
Western Reserve University,	3	ing, Madison, Wis	1
Classiand O		Wisconsin, Dairy and Food Commission, Madison, Wis	_
Cleveland, O	4	Wisconsin Free Library Commis-	- 2
brary School, Cleveland, O	I	sion, Madison, Wis	
Western Society of Engineers,	1	Wisconsin Industrial Commission,	,
Chicago, Ill	10	Madison, Wis	,
Westinghouse Air Brake Co., Wil-		Wisconsin, Legislative Committee	•
merding, Pa	I	to Investigate the White Slave	
Westminster College, Fulton, Mo	2	Traffic and Kindred Subjects,	
Westminster Public Library, Lon-		Madison, Wis	1
don, Eng	I	Wisconsin Medical Journal, Mil-	
Wheeling & Lake Erie Railroad		waukee, Wis:	I
don, Eng Wheeling & Lake Erie Railroad Co., Cleveland, O	6	waukee, Wis: Wisconsin Natural History Society,	
White, William Wallace, New York,		Milwaukee, Wis	2
N. Y	I	Wisconsin, Railroad Commission,	_
Whitehouse, Dr. Henry H., New		Madison, Wis2	89
York, N. Y	I	Wisconsin, Secretary of State,	
Wichita Fair and Exposition,		Madison, Wis	2
Wilman William I New York	I	Wisconsin, State Agricultural Col-	
Wichita, Kan	1	lege, Madison, Wis	1
Wilke, Bruno, Chicago, Ill	ī	Madison, Wis	6
Wilkes-Barré, Chamber of Com-	•	Wisconsin, State Board of Ag-	
merce, Wilkes-Barré, Pa	I	riculture, Madison, Wis	3
Williams College, Williamstown,		Wisconsin, State Board of Control,	
Mass	3	Madison, Wis	I
Williams, Edward, Chicago, Ill	5	Wisconsin, State Board of Health,	
Williams, Dr. Tom A., Washing-		Madison, Wis	2
ton, D. C	3	Wisconsin, State Board of In-	
Williamsport, Board of Trade,		dustrial Education, Madison,	
Williamsport, Pa	I	Wis	1
Williston Seminary, Easthampton,	_	Wisconsin, State Fire Marshal,	
Mass	2	Madison, Wis	3
Wilmington, Del	2	Madison, Wis	8
Wilmington, Supt. of Public Schools,	2	Wisconsin State Horticultural	0
Wilmington, Del	5	Wisconsin, State Horticultural Society, Madison, Wis	14
Wilson & Toomer Fertilizer Co.,	J	Wisconsin, Supt. of Public In-	,
Jacksonville, Fla	5	struction, Madison, Wis	I
Wilson, Mrs. Huntington, Wash-	٠.	Wisconsin, Supt. of Public Prop-	
ington, D. C	I	erty, Madison, Wis	I
Winch, Allen, Chicago, Ill	2	Wisconsin, Tax Commission, Mad-	
Windsor Public Library, Windsor,		ison, Wis	2
Ont	1	Wistar Institute of Anatomy and	_
Winona Assembly, Winona Lake,		Biology, Philadelphia, Pa	3
Ind	1	Witthold, George Co., Chicago,	I
Minn	4	Woman's City Club, Chicago, Ill.	6
A14 *1****	+	on and order of the go, in	-

Volumes Pamphle		Volumes Pamphle	
Womans Medical College of Penn-		Wylie Permanent Camping Co.,	
sylvania, Philadelphia, Pa	I	Livingston, Mont	2
Womens Canadian Historical Soci-	_	Wyman, Richard H., Chicago, Ill	
ety, Ottawa, Ont	I	Wyoming, Agricultural Experiment	-0
Womens Foreign Missionary Soci-		Station, Laramie, Wyo	4
eties of the Presbyterian		Wyoming, Commissioner of Public	4
Church, New York, N. Y	I	Lands, Cheyenne, Wyo	3
Womens Municipal League of		Wyoming, State Chemist, Laramie,	3
Boston, Boston, Mass	I	Wyo	23
Womens Trade Union League,		Wyo	0
Chicago, Ill	2	enne, Wyo	I
Womens Trade Union League,		Yale College, Class of 1870, Welles-	
London, Eng	3	lev. Mass	I
Woodbury, Dr. Frank, Philadel-		Yale Law Journal, New Haven,	
phia, Pa	2	Conn	I
Woodruff, George, Joliet, Ill	2	Yale Peruvian Expedition, New	
Worcester, Board of Park Com-		Haven, Conn	12
missioners, Worcester, Mass	I	Yale University, New Haven, Conn.	2
Worcester County Law Library,		Yellow Pine Manufacturers' Associ-	
Worcester, Mass	I	ation, St. Louis, Mo	4
Worcester Free Public Library,		York Public Library Committee,	
Worcester, Mass	I	York, Eng	I
Worcester Polytechnic Institute,		Young, B. E., Nashville, Tenn	I
Worcester, Mass	Ι.	Young Churchman Co., Milwau-	
Workington Public Library,		kee, Wis	2
Workington, Eng	I	Young Men's Christian Associa-	
Workmen's Compensation Pub-		tion, New York, N. Y	1
licity Bureau, New York,		Young Men's Christian Associa-	
N. Ý	13	tion Institute and Training	
Workmen's Compensation Service		School, Chicago, Ill	I
and Information Bureau,	_	Young Women's Christian Associa-	
New York, N. Y	2	tion, Chicago, Ill	
World Peace Foundation, Boston,		Youth's Companion, Boston, Mass.	I
Mass	17	Zeehan School of Mines and Metal-	_
World Star Knitting Company,		lurgy, Zeehan, Tas	I
Bay City, Mich	I	Zurich, Stadtbibliotek, Zurich, Switz	I

ELIPHALET WICKES BLATCHFORD

At a regular meeting of the Board of Directors of The John Crerar Library held April 16, 1914, the following Memorial and Resolution, presented by a Committee consisting of Messrs. Johnson, Busby and Andrews, were unanimously adopted:

The Board of Directors of The John Crerar Library learn with great sorrow of the death of their friend and colleague, E. W. Blatchford, and feel deeply the deprivation which the Board have sustained in the loss of his counsel from their deliberations.

He was one of the Directors of this Library named by Mr. Crerar in his will and from 1900 to the day of his death he served as Chairman of the Committee on Administration. To this service he gave much time and thought and his interest in the welfare of the institution was deep and sincere. His position as President of The Newberry Library gave him a wide view of library problems and was an important factor in the establishment and maintenance of the cordial relations between the two reference libraries of Chicago.

Eliphalet Wickes Blatchford was born May 31, 1826, his parents being the Rev. John and Frances (Wickes) Blatchford. In preparation for a professional career Mr. Blatchford pursued a course in the Lansingburgh Academy of New York, afterward attended Marion College of Missouri, and finally entered the Illinois College at Jacksonville, Illinois, from which he was graduated with the class of 1845. Some years afterward that institution conferred upon him the degree of LL.D. He began active life in connection with the law office of his uncles, R. M. and E. H. Blatchford, prominent attorneys of New York, but after several years his health became impaired, owing to the close confinement of his work, and he relinquished his plan for a professional career and returned to the West. In St. Louis he entered upon the manufacture of lead and subsequently was joined in partnership by Morris Collins, of that city. They extended the field of their

operations in 1854 by establishing a branch at Chicago, Mr. Blatchford assuming the management of their interest in this city. With the dissolution of the firm a few years later, he became a permanent resident of Chicago and concentrated his energies upon the control of an extensive manufactory of lead pipe, sheet lead and shot, and linseed oil, to which other related manufactures were added. The keen business sagacity and executive ability of Mr. Blatchford constituted the broad basis on which the substantial success of the house was built, and upon his retirement from the active management of the business his younger brother, Nathaniel H. Blatchford, assumed control. The establishment is still one of the foremost concerns of this kind in the city.

The home relations of Mr. Blatchford were most pleasant. He was married October 7, 1858, to Miss Mary Emily Williams, a daughter of John C. Williams, one of the old and honored residents of Chicago. They became the parents of seven children, as follows: Paul; Amy, who became the wife of Rev. Howard S. Bliss, D.D.; Frances May; Edward Williams; Florence; Charles Hammond; and Eliphalet Huntington.

Mr. Blatchford was long a prominent representative of the leading clubs of Chicago, including the Union League, the University, the Chicago, the Literary and the Commercial Clubs, serving at one time as president of the last named. He likewise belonged to the Congregational Church of Chicago and this indicates one of his most active interests in life. He was throughout his residence here an officer of the New England Congregational Church and was deeply interested in all of its varied lines of work and its allied activities. He became a charter member of the Chicago City Missionary Society and was a corporate member of the American Board of Commissioners for Foreign Missions, serving as its vicepresident from 1885 until 1898. For nearly forty-two years he was the president of the Board of Directors of the Chicago Theological Seminary and coöperated in all of the movements which have tended to promote the moral progress and uplift of the city. But the broad scope of his usefulness covered a still wider field and educational projects also felt the stimulus of his cooperation and sound judgment. He was one of the trustees of the Illinois College from 1866 until 1875, has been president of the Chicago

Academy of Sciences, was a member of the Board of Trustees of the Chicago Eye and Ear Infirmary and for seventeen years was its president. He was likewise a trustee of the Chicago Art Institute and was made executor and one of the trustees of the estate of the late Walter L. Newberry, becoming president of the Board of Trustees of The Newberry Library upon its incorporation. He was also one of the founders and president of the Board of Trustees of the Chicago Manual Training School and was a life member of the Chicago Historical Society.

He did not disregard his country's claims for political activity and while he never sought office he never failed to exercise his right of franchise and thus gave unmistakable evidence of his loyal support of principles in which he believed. His early political allegiance was given to the Whig party and in 1856, upon the organization of the Republican party, he joined its ranks. His spirit of patriotism during the Civil War was never questioned and throughout the period of the struggle he devoted the major portion of his time to the northwestern branch of the United States Sanitary Commission, serving as its treasurer. A contemporary biographer has written of him as "not only a prominent business man of Chicago, but a leader as well in the development and conduct of many institutions of ennobling influence. His keen, practical insight, his sound judgment and his disinterested counsel are still valued and generally utilized and his personality is strong, inspiring and elevating."

RESOLVED, That this memorial be spread upon the minutes of The John Crerar Library and be printed in the next Annual Report with a portrait, and that an engrossed copy be sent to Mr. Blatchford's family.

APPENDIX

SUMMARY OF STATISTICS

IN FORM RECOMMENDED BY THE AMERICAN LIBRARY ASSOCIATION

THE JOHN CRERAR LIBRARY CHICAGO, ILLINOIS

A FREE PUBLIC REFERENCE LIBRARY OF SCIENTIFIC AND TECHNICAL LITERATURE

Central library with two reading Number of days open during yea Hours open each week for readin	r 313
Number of volumes at beginning Number of volumes added by pu	of year 322,049 rchase 12,615
Number of volumes added by gif	· -
Number of volumes lost or withd	
Total number at end of year	
Number of pamphlets at beginning	
Number of pamphlets added	
Total number of pamphlets at en	
Other additions (maps) -, Total maps	8,625
Number of newspapers and period	
rumber of newspapers and period	3,623 copies of 3,606 titles.
Number of people using library f	or reading and study - 160,380
Number of people using fibrary i	of reading and study - 100,380
RECEIPTS FROM	PAYMENTS FOR MAINTENANCE
Endowment funds \$211,745 Other sources 1,210 Total Receipts \$212,955	Books \$27,990 Periodicals 9,509 Binding 11,507 Salaries, library service - 58,715 Salaries, janitor service - 4,040 Rent and Heat 34,063 Light 1,926 Other maintenance - 20,321
	Total maintenance \$168,071



REGULATIONS

The Library is a free public reference library, open to readers every day, excepting Sundays, from 9 A. M. to 10 P. M.

Satchels, suit cases, bags, etc., must be checked in the Cloak Room. Outer garments, umbrellas, and packages may be, and in wet weather must be, so checked. No charge is made for the service. The Library will not hold itself responsible for unchecked articles nor for any articles left over night.

Books shelved in the Reading Room and in the Senn Room, except as noted below, may be consulted without formality, but after use are to be left on the tables, instead of being replaced on the shelves.

Current periodicals, except those on the Medical Sciences, may be consulted within the periodical alcove, and may be obtained for use at the tables in the Reading Rooms by presenting at the periodical desk serial call-slips properly filled out. Current medical periodicals are shelved in the Senn Room and may be consulted there.

Books not shelved in the Reading Rooms may be obtained by presenting to the Delivery Clerk book call-slips properly filled out. These books are to be returned to the delivery desk.

Persons engaged in special research, if satisfactorily vouched for, may be admitted to the Stack Rooms. Application for this privilege should be made to the Reference Librarians. All books used under this provision are to be left on the tables in the Stack Rooms.

Books not suitable for general use may be consulted only upon registration and statement of satisfactory reasons, and those of great value or rarity only in the presence of an attendant.

Writing or marking in books belonging to the Library, their mutilation in any manner, and their removal from the Library, are forbidden. The tracing of plans will be permitted if done over a celluloid cover, but not otherwise. The covers will be furnished upon application at the delivery desk.

The officials of the Library are authorized to exclude any person of unseemly behavior or appearance, and any one wilfully violating its regulations.

The Reference Librarians, in charge of the Reading Rooms, will give assistance in the use of the library.

PUBLICATIONS IN PRINT

No bills are rendered. Orders should be accompanied by postal money order or stamps.

Annual reports. First to nineteenth for the years 1895-1913. Chicago 1897-1914. Sent gratis on request, except 1906.

The First report contains Record of Organization; the Second, Memorial of Edson Keith; the Fourth, By-laws of the Corporation; the Fifth, Memorial and portrait of Norman Williams; the Sixth, Memorial and portrait of Huntington W. Jackson; the Seventh, Act and Ordinance authorizing the Library to erect and maintain a free public library on the Lake Front Park; the Ninth, "Act concerning free public libraries in public parks"; the Eleventh, Memorial and portrait of Marshall Field, and "Ordinance concerning The John Crerar Library"; the Thirteenth, Memorials and portraits of Albert Keep and Dr. Nicholas Senn; the

Blatchford.

Printed catalogue cards for the titles of all books in the Library. Prices on application.

Fourteenth, By-laws of the Corporation; the Fifteenth, Report of the Special Committee on Site; the Nineteenth, Memorial and portrait of Henry W. Bishop; the Twentieth, Memorial and portrait of Eliphalet W.

A list of current periodicals in the Reading Room, June, 1902. Chicago 1902. 97 p. Price 10 cents; by mail 15 cents.

A list of books on industrial arts, October, 1903. Chicago 1904. 249 p. Price 20 cents; by mail 30 cents.

A bibliography of union lists of serials. Chicago 1906. 28 p. Price 5 cents; by mail 10 cents.

A list of books exhibited December 30, 1907—January 4, 1908, including incunabula and other early printed books in the Senn Collection. Chicago 1907. 32 p. Price 5 cents; by mail 10 cents.

A list of books in the Reading Room, 1909. Chicago 1909. viii, 488 p. Price 25 cents; by mail 50 cents.

A list of books on the history of science. Chicago 1911.

10, 297 p. Price 25 cents; by mail 40 cents.

A list of current medical periodicals and allied serials, second edition, April, 1913. Chicago 1913. 32 p. Price 5 cents; by mail 10 cents.

Handbook, 1913. Chicago 1913. 16 p. Sent gratis on request.

THE

JOHN CRERAR LIBRARY

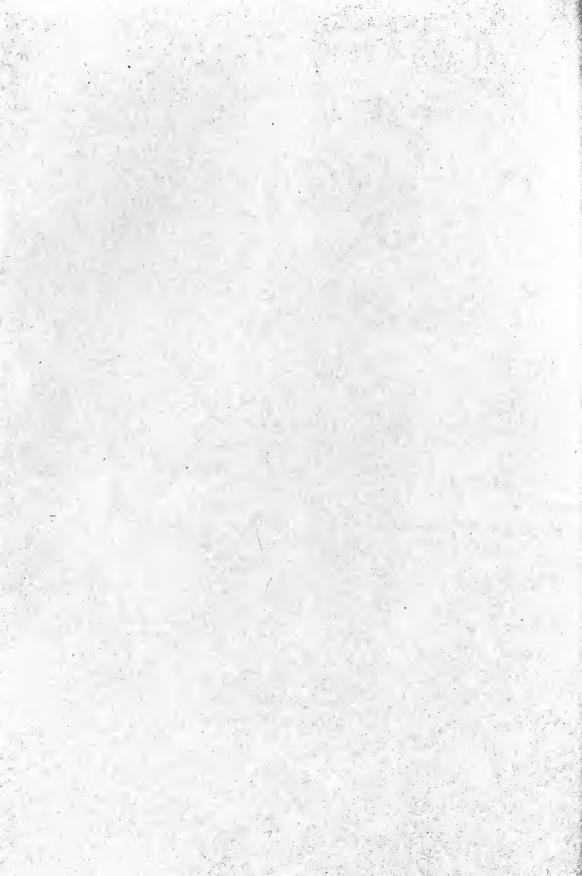
TWENTY-FIRST ANNUAL REPORT

FOR THE YEAR

1915



CHICAGO
PRINTED BY ORDER OF THE BOARD OF DIRECTORS
1916



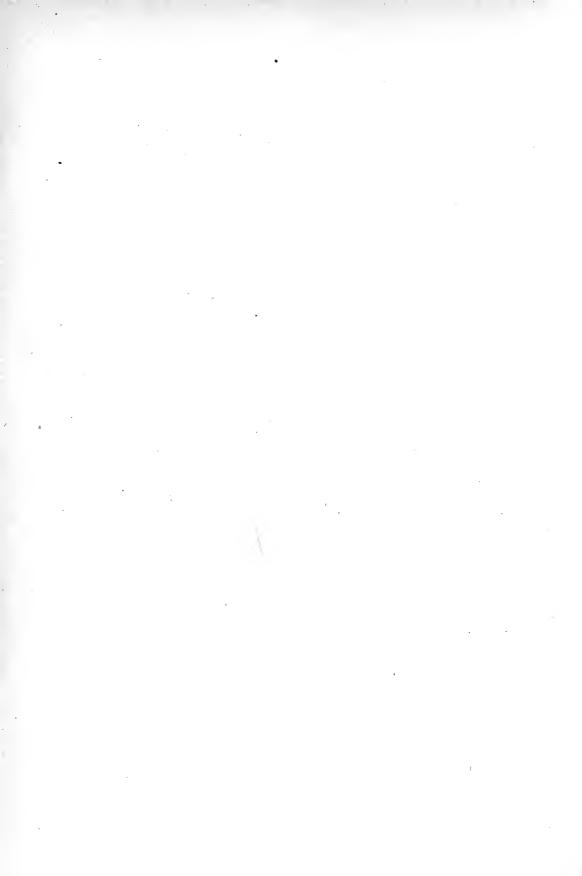
JOHN CRERAR LIBRARY TWENTY-FIRST

FOR THE YEAR

1915



CHICAGO PRINTED BY ORDER OF THE BOARD OF DIRECTORS 1916



OFFICERS, 1916

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MARVIN HUGHITT

First Vice-President THOMAS D. JONES Second Vice-President ROBERT FORSYTH

Secretary
Walter B. Smith

Treasurer William J. Louderback Librarian
CLEMENT W. ANDREWS

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WILLIAM HALE THOMPSON, Mayor of Chicago, ex-officio EUGENE R. PIKE, Comptroller of Chicago, ex-officio

STANDING COMMITTEES

Finance

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CHAUNCEY KEEP

MARVIN HUGHITT

Administration
LEONARD A. BUSBY

FREDERICK H. RAWSON

ALBERT A. SPRAGUE II

Buildings and Grounds
ROBERT FORSYTH

CHAUNCEY KEEP

THOMAS D. JONES

Books

Frank S. Johnson

ROBERT FORSYTH

THOMAS D. JONES

DIRECTORS, 1894—1916

NORMAN WILLIAMS		-		-		-		-		-	1894-1899*
HUNTINGTON W. JACK	SC	N			-		-		-		1894-1901*
MARSHALL FIELD		-		-		-		-		-	1894-1906*
E. W. BLATCHFORD	-		-		-		-		-		1894-1914*
T. B. BLACKSTONE		-		-		-		-		-	1894-1899
ROBERT T. LINCOLN	-		-		-				-		. 1894—
HENRY W. BISHOP		-		-		-		-		-	1894-1913*
EDWARD G. MASON	-		-		-		-		-		1894-1895†
ALBERT KEEP -		-		-		-		-		-	1894-1907*
Edson Keith -	-		-		-		-		-		1894-1896*
Simon J. McPherson		-		-		-		-		-	1894-1899†
JOHN M. CLARK -	-		-		-		-		-		1894-1916†
George A. Armour		-				-		-		-	1894-1899†
Frank S. Johnson	- ′		-		-				-		1896—
PETER STENGER GROS	SC	UF	•	-				-		-	1897—
ARTHUR J. CATON	-		-		-						1900-1904*
MARVIN HUGHITT -		-		-		-		-		-	1900-
THOMAS D. JONES	-		-		-		-		-		1900—
John J. Mitchell -		-		-		-		-		-	1900—
LEONARD A. BUSBY	-		-		-		-		-		1901—
Robert Forsyth -		-		-				-		-	1905—
CHAUNCEY KEEP	-		-		-		•		-		1906—
Frederick H. Rawso	N			-		-		-		-	1908—
ALBERT A. SPRAGUE I	Π		-		-		-		-		1914—
WALTER B. SMITH -		-		-		-		-		-	1914—
*Deceased											†Resigned

OFFICERS, 1895-1916

Presidents

1,00		•••					
Norman Williams -	•	-		-		-	1895-1899
Huntington W. Jackson	-		-		-		1900-1901
PETER STENGER GROSSCUP	-	-		-		-	1901-1913
Marvin Hughitt							
First Vice	e-Pr	esio	len	ts			
Edward G. Mason			_		_		1805
HUNTINGTON W JACKSON	_	_		_			1806-1000
PETER STENGER GROSSCUP		_	_				1000-1001
HENRY W. BISHOP -		_				_	1001-1010
Thomas D. Jones			_				1011-
Thomas 2. Jones							.,
Second Vi	ce-P	res.	ide	nts	3		
MARSHALL FIELD		-		-		-	1895—1899
Marshall Field Peter Stenger Grosscup	-		-		-		1899-1900
HENRY W. BISHOP -	-	-		-		-	1900-1901
Thomas D. Jones	-		-		-		1901-1911
HENRY W. BISHOP - THOMAS D. JONES - ROBERT FORSYTH	-	-		-		-	1911—
Secr	etar	ies					
GEORGE A ARMOUR -					_		18051000
ARTHUR I. CATON -	_	_				_	1000-1004
LEONARD A. BUSBY			_		_		1005-1015
GEORGE A. ARMOUR ARTHUR J. CATON LEONARD A. BUSBY - WALTER B. SMITH -	-	-		-		-	1915—
Trec							
WILLIAM J. LOUDERBACK	-	-		•		-	1895—
Libr	aria	n					
CLEMENT W. ANDREWS -			-		-		1895—

LIBRARY STAFF, 1916

Librarian	CLEMENT W. ANDREWS
Assistant Librarian	Charles J. Barr
Reference Librarian	Edward D. Tweedell
Cataloguer	Aksel G. S. Josephson
Classifier	J. CHRISTIAN BAY
Medical Reference Librarian	J. CHRISTIAN BAY*
Classifier	D. Ashley Hooker
Assistant Reference Librarian	H. EDWARD ROELKE
Assistant Cataloguer	Mary E. Hawley
Assistant Cataloguer	GERTRUDE FORSTALL GRACE KELLEY*
Assistant Classifier	GRACE KELLEY*
Treasurer's Assistant	Bruno C. Wilke
Assistant Classiper	WILLIAM TEAL
Senior Assistants	
EDITHA C. PHELPS	MARGARET FURNESS
SARAH S. DICKINSON	Alpha L. Owens
CHARLOTTE H. FOYE	Elsa Neiglick
ELIZABETH MONTROSS	MABEL HAYWARD
JENNIE A. HULCE	MABEL EAMAN
WILLIAM A. BRENNAN	ETHEL M. WIGHT
GENEVIEVE DARLINGTON	HARRIET E. PENFIELD
	TIRKKIET D. TENTIED
Junior Assistants	
CORNELIA C. WHITE	HARRIE EDNA BROOKE
MARY B. HIBBARD	ELIZABETH E. WILSON
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Helen D. Brown	JOHN A. KRAUTH
A. Frederic Gronberg	Elsebeth Martens
Mary L. Reider	Carlyle Peek
Attendants	
MAYME L. COLE	ANTHONY GABLER
Margaret Terwilliger	Benjamin Jaffe
D. J. Porto	WALTER THIELE
Alphonse Comyn	Meyer Richman
Noah Fox	JOHN KOLENBURG
	3
Pages JOHN PRATT	EDWARD BOIN
IRWIN STEPEK	George Nelson
ALOYSIUS WEIMER	
	Louis Warman
Janitor	
William J. Jones	
Assistant Janitors	
August Carlson	NICHOLAS MEYER
*Provisional	

REPORT OF THE PRESIDENT

To the Governor of Illinois:

In accordance with the provisions of an act entitled "An Act to encourage and promote the establishment of free public libraries in cities, villages and towns of this state," approved June 17, 1891, under which this corporation is organized, the Directors of The John Crerar Library submit their twenty-first annual report for the year 1915.

The only changes in the membership of the Board of Directors are those caused by the municipal election and the Board is now composed of the following persons: Robert T. Lincoln, John M. Clark, Frank S. Johnson, Peter Stenger Grosscup, Marvin Hughitt, Thomas D. Jones, John J. Mitchell, Leonard A. Busby, Robert Forsyth, Chauncey Keep, Frederick H. Rawson, Albert A. Sprague, II, and Walter B. Smith, together with William Hale Thompson, Mayor of Chicago, and Eugene R. Pike, Comptroller of Chicago, ex-officio members.

The officers of the Library are as follows: President, Marvin Hughitt; First Vice-President, Thomas D. Jones; Second Vice-President, Robert Forsyth; Secretary, Walter B. Smith; Treasurer, William J. Louderback; Librarian, Clement W. Andrews.

Messrs. Holabird & Roche have prepared additional sketch floor plans for the utilization of another portion of the site recently acquired, but no action has been taken by the Board. The additional space in the Marshall Field & Company Building has been fitted up and occupied. The result has been a noticeable increase in the use made of the Library.

The effects of the European war continue to be felt severely in the supply of foreign books and periodicals. Notwithstanding this, the collections have been increased by 16,256 volumes and 10,600 pamphlets and now contain 353,394 volumes, 10,854 maps and plates, and some 123,000 pamphlets.

The Library receives currently 3,758 periodicals and 12,547 other serial publications. The total use was about 624,000 books and periodicals and the recorded attendance was 170,163. For further details reference is made to the appended report of the Librarian.

The report of the Treasurer, also appended, presents a statement of the income and expenditure for the year 1915, together with a statement of the assets and investments, as required by law.

Respectfully submitted,

MARVIN HUGHITT,

President.

Chicago, January 20, 1916.

REPORT OF THE TREASURER

STATEMENT OF FINANCES FOR YEAR 1915

CASH

Cash on hand January 1, 1915: In bank \$ 39,302.70 Librarian, petty cash 193.82	\$ 39,496.52
RECEIPTS	
Collections account income \$227,624.27 Huntington W. Jackson Fund, income - 40.00 Henry Gradle Memorial Fund, income - 150.00 Bills Collectable 1,799.60 Commission and Discount 655.00 Investments: Farm Mortgage Loans 142,600.00	372,868.87 \$412,365.39
DISBURSEMENTS	
Audited Vouchers \$186,897.72 Investments: Farm Mortgage Loans 201,650.00 Accrued Interest 633.29	\$ 389,181.01
Cash on hand December 31, 1915: In bank \$ 22,933.52 Librarian, petty cash 250.86	\$ 23,184.38

Repairs

Depreciation

Insurance on Buildings

Taxes, 1915 (estimated)

Surplus for year 1915

Sundry Expenses -

OPERATION

TVGOVED.		
General:		
Bonds \$105,448.03		
Stocks 42,513.20		
Rentals 51,014.96		
Farm Mortgage Loans 12,654.47		
Mortgage Loans 16,625.00		
Sundries 822.01	\$229,077.67	
Commission and Discount	655.00	
Huntington W. Jackson Fund	40.00	
Henry Gradle Memorial Fund -	150.00	\$229,922.67
Administration: EXPENSE		
Rent, Light \$ 39,568.12		
Salaries, Wages 63,772.62		
Supplies \$ 2,727.85		
Less Sales 138.78 2,589.07		
Printing 7,526.02		
Less Sales 813.43 6,712.59		
Transportation, Postage 2,574.34		
Insurance on Books,		
Furniture, etc 2,583.21		
Sundries 2,304.25	\$120,104.20	
n 1		
Books:		
Books \$23,971.48		
Less Sales 236.40 \$ 23,735.08		
Periodicals 6,748.97		
Binding 9,979.78		
Lettering, Repairs 1,603.67		
Buildings and Grounds:		

\$ 2,078.37

2,854.45

13,601.60

948.81

824.05

\$ 20,307.28

\$182,478.98

\$ 47,443.69

ASSETS AND LIABILITIES

ASSETS

Bonds	-	-	-	-	-	\$2,411,076.08	
Stocks	-		-			582,373.05	
Real Estate	-	-	-	-	-	1,080,000.00	
Mortgage Loans -	-				-	475,000.00	
Farm Mortgage Loans	-	-	-	-	-	258,605.00	
Furniture and Fixtures	-			•		25,690.07	
Book Investment -	-	-	-	-	-	526,157.42	
Accounts Receivable -	-	-	-	-	-	1,218.66	
Bills Collectable -	-		. -			620.89	
Unexpired Insurance -	-	-	-	-	-	8,551.35	
Cash	-		-	-	-	23,184.38	
Total	-	-	-	-	-		\$5,392,476.90

LIABILITIES

Endowment Fund \$3,500,000.00	
Building Fund 1,170,994.64	
Book Fund 526,157.42	
Security Reserve Fund 168,819.91	
Huntington W. Jackson Fund 1,000.00	
Henry Gradle Memorial Fund 3,000.00	
Book Purchase Reserve 8,903.36	
Reserve for Taxes 13,601.57	
Total	\$5,392,476.90

In accordance with the instructions of the Board of Directors, the Building Fund has been increased by the amount of the surplus for the year, \$47,443.69, less the balance of \$3,955.95, from the appropriations for books and periodicals carried to the Book Purchase Reserve and the tenth and final annual charge of \$7,000 against the Medical Library Purchase Suspense Account, making a total to the credit of the Building Fund of \$1,170,994.64.

The Book Fund has been increased by the amount of the investment during the year, less depreciation, and now stands at \$526,157.42.

The income of the Huntington W. Jackson Fund has been expended for books and that of the Henry Gradle Memorial Fund for periodicals.

Insurance is in force covering the property of the Library in amounts as follows:

Books -	-	-	-	-	-	-	-	\$425,000.00
Furniture,	Fixtur	es, I	Etc.	-	-	-	-	24,000.00
Portraits	-	-	-	-	-	-	-	6,000.00
Type and	Cases	-	-	-	-	-	-	5,000.00
Buildings	-	-	-	-	-	-	-	195,000.00
Boilers -	-	-	-	-	-	-	-	20,000.00
Plate Glass	(by p	rem	ium (only)	-	-	-	
								\$675,000.00

WM. J. LOUDERBACK,

Treasurer.

CHICAGO, January 20, 1916.

To the Board of Directors of The John Crerar Library:

Dear Sirs:—We have audited the books and accounts of The John Crerar Library, for the year ending December 31, 1915; we have examined and priced all securities (other than farm mortgages) which we found to have an aggregate market value exceeding the book value; and have verified the cash on hand and in banks.

We accordingly certify that, in our opinion, the attached statements truly exhibit the cash receipts and disbursements and the operating income for the said year, and the assets and liabilities at its close.

THE AUDIT COMPANY OF NEW YORK,

Howard Kroehl,

CHICAGO, January 25, 1916

Western Manager.

REPORT OF THE LIBRARIAN

TO THE BOARD OF DIRECTORS OF THE JOHN CRERAR LIBRARY:

Gentlemen: In submitting the following report on the work of the Library for 1915 your attention is called especially to the remarkable increase in attendance and recorded use coincident with the enlargement of the accommodations for readers, and to the amount of routine work accomplished notwithstanding the disturbances caused by the war and by an unusual number of absences on account of illness.

Rooms. On May 1st the Library obtained possession of the remainder of the space on the seventh floor and during the summer this was fitted up and occupied. The part used for the Treasurer's Office is sufficiently large and convenient but the same cannot be said of the part used for the storage and care of the stock of printed cards. Even when uncomfortably crowded it is not quite large enough. As soon as the new Treasurer's Office was available, his old office and the Directors' Room were thrown together to form a room for the current periodicals, and opened to the public on October 1st. This contains some 600 sq. ft., or 50 per cent more than the old Periodical Alcove. It was fitted with two standing desks and a table, accommodating in all some 26 readers. This provision proved to be inadequate and the addition of five more seats in the windows has not been sufficient on many days.

The removal of the periodicals has permitted the installation of two more tables in the Main Reading Room, with a net increase of 16 seats. This has prevented any overcrowding to date, but on several days practically every seat has been occupied, and it is evident that the public has taken advantage promptly of the increased accommodations. This is confirmed by an analysis of the recorded attendance and the calls for books. The increase in attendance from January to September, over the same months of 1914, was 3,446. At the same rate it should have been for the rest of the year 1,149,

but it really was 6,427. The increase in calls for the first nine months was 13,246 and for the last three should have been 4,413 but really was 5,888. It follows that at least one quarter and probably one third of the new readers drew books from the stacks. It is evident that the development of the use of the Library in recent years has been retarded by the lack of comfortable accommodations for readers and that this should be taken into consideration in estimating the space required in the proposed building.

Routine. The following changes in routine seem worthy of mention: The cost of the various card indexes subscribed for by the Library, which has hitherto been charged to several different accounts, will hereafter be carried on the continuation record and charged to the appropriation for books; a collection of trade catalogues has been started; the use of Harvard and Royal Library of Berlin cards in the public catalogues has been discontinued; the process of replacing lost and mutilated books has been simplified and made less liable to unintentional neglect; in the catalogue entries of serials the words "Library has" are to precede the statement of volumes in the Library.

Special Collections. From the income of its special fund ten titles have been added to the Huntington W. Jackson Collection on Constitutional Law, which now contains 825 titles, of which 97 have been purchased from the fund.

The Senn Collection on the Medical Sciences is still in process of adjustment. It has been greatly consolidated and now occupies some 375 shelves, 335 with books and 40 with pamphlets. The latter and 140 shelves of books have still to be recatalogued and reclassified. There are still many shelves of earlier works on surgery to be transferred from the regular shelves.

The income from the Gradle Fund has been spent for periodicals and 33 volumes have been added to the 255 already having the bookplate. The total number of volumes and pamphlets in the collection is about 1,450.

All of the books in the Chanute Collection on Aviation have been reclassified and catalogued and about two-thirds of the pamphlets and clippings. There are 547 books in the collection and some 300 pamphlets and 2,000 clippings.

A fifth special collection has been established. The Cremation Association of America has presented to The John Crerar Library its books on the subject of cremation and has made provision for future development. The only condition differentiating this gift from others, besides the provision for development, is an agreement that the books shall be loaned to members of the Association in the same way as interlibrary loans are made. The President, Dr. Hugo Erichsen, of Detroit, is greatly interested in enlarging the collection and has already secured by purchase and gift much material. There are at present 74 titles of books and 89 pamphlets.

Attendance. The total number of visitors recorded during the year was 170,163 and the daily average was 544, an increase of 6.04 per cent over the figures of 1914, which were 160,380 and 513 respectively. The chief significance of this increase has been noted already.

The average evening attendance, 103, was 6 more than in 1914. The average attendance on the five general holidays, 243, was 74 more than in 1914. The smallest attendance of the year was 138, on December 25th, and the largest was 988, on November 27th. The figures for 1914 were 138 and 987 respectively.

The average attendance in the Senn Room for the second week of December was one more than in 1914 during the day and four more in the evening. It is probable that the day attendance has reached an approximate maximum for the present accommodations.

Use. The record of the use of current periodicals ceased with the opening of the new Periodical Room on October 1st. It would be interesting to determine numerically the increased use due to the new accommodations but it would have cost too much both in time of the staff and annoyance to readers. Up to September 1st the record was entirely normal, the average being slightly less than in 1914 and exactly the same as in 1912 and 1913, apparently indicating the attainment of another maximum under the given conditions.

The remarkable increase in the admissions to the stack from 2,472 in 1914 to 4,013 in 1915 is due chiefly to three special investigations which have been carried on at the

Library, one by the U. S. Industrial Commission, one by the Interstate Commerce Commission and one for the City of Chicago. The number recorded has been exceeded only in 1912 and then only by five. Of the 4,013 admissions, 3,129 were by registration and 884 on presentation of 22 passes. One additional pass has been granted and three have been canceled by death, leaving 98 nominally in force.

The increase in calls for books from the stacks from 176,368 in 1914 to 195,502 in 1915 has again been out of proportion to the increase in the number of visitors. It is due partly to an increase in class work in bibliography and partly to the continued development of the more scholarly work of the Library. Using the same factor as in previous years and ignoring the absence of records of the use of the periodicals for three months, the total use of the Library may be estimated at 624,000 books and periodicals.

A detailed classification of the call slips for books and periodicals and of admissions to the stack is given in the second table of library statistics. A comparison of the totals and percentages of the first and third items for each department with the corresponding figures for 1914 follows:

	Calls for Books					Admissions to the Stack			
	19		19	14		915		14	
		Percent-		Percent		Percen		Percent-	
	Total	age	Total	age	Total	age	Total	age	
Unclassified	2,077		1,606						
General Works	31,457	16	28,098	16	107	3	77	3	
Social Sciences	38,605	20	38,640	22	320	8	321	13	
Physical Sciences	19,257	10	19,567	ΙI	539	13	380	15	
Natural Sciences	12,399	6	12,418	7	250	6	226	9	
Medical Sciences	30,751	16	25,892	15	1,304	33	444	18	
Applied Sciences	60,956	32	50,147	29	1,493	37	1,024	42	

The stationary amount in the Social Sciences would indicate that the new readers are in the other departments. The increase in the Medical Sciences is in continuation of an apparently steady development of this work, while the changes in the other departments are only toward the average of previous years. The admissions to the stack emphasize these tendencies. The figures for the individual subjects show no noteworthy changes unless the gain of one-third in domestic economy shall prove to be permanent. All other changes are either small proportionately or toward the average of previous years. The six leading subjects are: medicine, engineering, trade and transportation, political economy,

chemical technology, and psychology. The last replaces physics in the list, and trade and transportation resumes its old place as third after one year in fifth.

The loans for use outside the Library continue to increase noticeably. There were granted 462 requests for 634 volumes from 94 libraries and 866 requests from 261 individuals. Twelve requests from libraries were refused. In 1914 the loans were 1,077 and the refusals two. In sixteen cases the books loaned were asked for while out. Nearly all the loans to individuals are for very short periods, chiefly over night or over Sunday. The loans asked and obtained by the Library for its readers were 45 for 72 volumes from 9 libraries. One request was refused.

The recorded calls for assistance by telephone were 890, and the requests for information by letter were 190. The figures for 1914 were 893 and 151, respectively.

The orders for cameragrams were 142, requiring 1,725 sheets, for which charges amounting to \$195.50 were made. For 1914 the figures were 110 orders, 1,471 sheets, \$164.85 charges.

The time required to fill calls has been determined in the same way as for the previous year. The average time was 4.12 minutes, as against 4.32 in 1914. If each order were filled separately this saving of two-tenths of a minute would amount to the somewhat astonishing total of 667 hours or 50 library days, but as usually several orders are filled at once it is of course not nearly as much. Nevertheless it is a distinct gain and one for which those responsible deserve credit.

The record of the causes of failures to supply books called for, which should have been supplied, is as follows: at bindery, 480; otherwise unavailable temporarily, mostly burned or stolen and not yet replaced, 41; in use by another reader, 1,051; withdrawn from general circulation, 56; not found on shelves, 498; errors of library assistants or records, 185; total, 2,311. The total is 1.17 per cent of all the call slips presented. Excluding the first four causes as unavoidable, the avoidable failures were 0.34 per cent. For 1914 they were 0.46.

As a further illustration of the use made of the Library and also of the difference between it and a general public

library, attention may be called to the withdrawal of the first book worn out in service and that the book is Trowbridge's What is Electricity?

The Librarian's correspondence not infrequently contains proofs of the gratitude of readers for help given them by the Library, in many cases accompanying gifts of their publications or offers of special prices on them, but it may be doubted if this feeling has actually become so intense as to lead them to personify the institution, even though one correspondent did address "Dr. John Crerar Library — My dear Dr. Library."

Publications. In May the Library issued its *Twentieth Annual Report*, a pamphlet of 79 pages. An edition of 5,500 copies was printed and distributed. It contained, besides the usual matter, a portrait of the late Eliphalet W. Blatchford and the Memorial of him adopted by the Board.

In November the Library issued the eleventh of its bibliographical publications, a List of Books on the History of Industry and Industrial Arts. This is a work of 486 pages, giving some 2,800 titles. It is, of course, not a bibliography, being confined to the books actually in the Library, but it is thought to be the most extensive list on the subject available. Like most of the other bibliographical publications of the Library it is printed from electrotypes of the titles as set up for the card catalogues, and necessarily shows their typographical peculiarities. The titles are arranged by subjects with an index of authors and subjects.

The numbers of the various publications remaining in stock are given in the following table, which shows their distribution during the year.

				DISTRIB	UTION	
TITLE	Date	Edition	On hand Jan. 1	Exchange or Gift	Sale	On hand Dec. 31
Current Periodicals Bibliographies of Special	1902	1,000	112	7	2	103
Subjects	1902	966	14	1	3	10
Books on Industrial Arts	1904	980	18	6	2	10
Bibliography of Union Lists.	1906	317	128	7	1	120
Books Exhibited	1907	2,000	908	8	3	897
Books in Reading Room	1909	956	115	6	3	106
Current Medical Periodicals	1910	1,000	61			61
Handbooks	1910	1,280	2	• •		2
History of Science	1911	1,000	265	20	10	235
Current Medical Periodicals	1913	1,038	283	16	21	246
Handbook	1913	1,038	229	116		113
History of Industry	1915	950	• • •	654	2	294

Printed Cards. The distribution of one copy of each catalogue card to the Armour Institute of Technology, Chicago Public Library, Field Museum of Natural History, Library of Congress, Northwestern University, University of Chicago, and the University of Illinois, has been continued; also the sending of one copy of each card printed by the Library to Columbia University, Harvard University, New York State Library, Princeton University, Royal Library at The Hague, St. Louis Public Library, University of California, University of Michigan, and Yale University; and the University of Iowa has been added to this list. Besides other special orders of limited scope completely filled, four new standing special orders have been received. The distribution amounted to 273,362 cards, of which 75,678 were sent to the depository libraries, 1,700 sent as gifts, and 195,885 sold or sent in exchange.

The present state of the Union Catalogue is shown in the following table:

	Receipts in 1915	Total
Library of Congress	40,769	640,300
Royal Library, Berlin	10,256	71,602
Royal Library, The Hague	4,561	20,861
Harvard University	4,800	25,161
University of Illinois	7,839	21,980
University of Chicago	256	3,122
University of California	618	618
Total	69 ,0 99	783,644

Bills for 17,877 depository cards from the Royal Library of Berlin have been received but the cards themselves are held at Leipzig because of the risks of transportation.

Selection and Ordering. The selection of new titles is nearly up to date and the revision of the older ones is nearly completed. The work of ordering has been unaccountably slow and has failed completely in meeting the needs of the Library. Only a portion of the subjects have been covered in the first series and very few in the second. It is true that the South American purchases required much time and that the changes in conditions of importing European books also diminished the efficiency of the work. After making all allowances, however, the retardation is so great and so injurious as to call for radical changes.

During the year 7,118 orders were given. Of these 470 failed or were canceled, leaving 6,648 valid orders, covering 14,344 volumes at an estimated cost of \$22,594; 6,617 orders were filled, covering with the standing orders for continuations 13,111 volumes at a cost of \$23,735. There are left outstanding, in addition to the orders for continuations, 2,469 orders, at an estimated cost of \$4,710; of these 732 were given before January 1, 1915. The distribution of the orders of the year, of the total to the end of 1915, and the estimated cost, to the nearest dollar, are given in the second table of library statistics. The unclassified orders were for the most part purchases by Dr. Lichtenstein in South America; the greater part of the cost of these is not included in the amount for the year, having been given in that of 1914. Two other unclassified orders of note have been given, one to an English and one to a German dealer, for collections of inexpensive material on the technical. scientific, and economic aspects of the war.

Accessions. The total accessions of volumes for 1915 have been 16,889, of which 3,778 have been received as gifts and 13,111 obtained by purchase. Volumes made by binding serials are included in these figures. There have been withdrawn 633 volumes, leaving the net accessions for the year 16,256, which, with the 337,138 reported for 1914 make a total now on the books of 353,394. There remain to be entered only the Laufer purchase, about 14,000 volumes, and less than 1,600 volumes of the Gerritsen purchase. These have their own catalogues, and particular books can be obtained when asked for, so that the total number of volumes available is about 369,000.

The accessions of maps and plates for 1915 were 2,229, and the total entries are 10,854. Almost all were from the Levasseur collection, work on which has been nearly completed.

After eliminating duplicates, 2,366 pamphlets were obtained from the South American purchase; and 13,879 were received as gifts. Author slips for 3,620 titles were filed in the official catalogue, and the classified collection has been increased by 11,503 pamphlets. The last number includes the preceding, but these two have no necessary connection with the first two. Many of the pam-

phlets received are duplicates, and many more are continuations, or for various reasons are put elsewhere than in the pamphlet collection. On the other hand, many pamphlets already in the Library have been classified and entered in the official catalogue. Of the 11,503 net accessions to the classified collection, 653 were from the Gerritsen purchase; 143 from the Senn Collection and the Newberry Medical Collection; and 94 from other accumulations, leaving some 10,613 as the new accessions of the year. The total in the Library is approximately 123,000. Their classification is shown in the second table of library statistics.

The following table shows the distribution of the net accessions for 1915 and of the totals entered, by departments, together with the percentages of the classified volumes:

DEPARTMENT	Volumes	1915 Per cent	Pamphlets	Volumes	TOTAL Per cent	Pamphlets
Unclassified	400			17,357		29,719
General Works	2,523	16	1,344	47,771	14	14,223
Social Sciences	5,525	35	4,123	90,425	27	30,697
Physical Sciences	635	4	1,159	28,213	8	5,394
Natural Sciences	1,444	9	212	33,855	10	3,377
Medical Sciences	2,078	13	1,203	66,904	20	25,045
Applied Sciences	3,651	23	3,462	68,869	2 I	14,369
Total	16,256		11,503	353,394		122,824

The new method of ordering will always produce temporary irregularities in the growth of the Library, so that it is a more exact test of the proportionate growth to compare the present percentages of the total number of volumes with those of five years ago. Such a comparison shows that General Works have remained the same, Social Sciences gained two points, Physical Sciences lost one, Natural Sciences lost one, Medical Sciences lost one, and Applied Sciences gained one.

The proportionately large increase in pamphlets on the Applied Sciences is due chiefly to the formation of a collection of trade catalogues. The usefulness of these publications as sources, sometimes the only sources and frequently the most detailed and accurate, of information in regard to industrial products, methods and machines has always been recognized and attempts have always been made to secure the most important material of this character. The presentation of a considerable amount of such material by Dr. H. E. Horton caused the Council to recommend more systematic and thor-

ough work in the formation of a collection and its treatment in a simple and inexpensive way. The method finally adopted was to shelve the catalogues by serial numbers in order of receipt, except that all issued by one firm are kept together, and to index by subject and by firm. Since July 1st, some 575 requests have been sent to as many firms. Nearly everyone addressed has responded favorably and the collection now numbers 1,630 catalogues from 1,080 firms. The use made of it increases steadily and fully justifies the comparatively small amount of time and money spent on it.

The assistants in charge of periodicals report that 102 titles have been withdrawn from the general list and 222 added, and that 15 have been withdrawn from the medical list and 14 added, making a total now on the two lists of 3,789 copies of 3,758 titles. Unfortunately it cannot be said that the Library is in regular receipt of this number. Many of the European periodicals, possibly 50 per cent of the French and 25 per cent of the German, have been suspended and perhaps discontinued entirely. Many others have been published less promptly, less frequently, or in a reduced size. Even of those which have been issued regularly the receipt has been very irregular. This is especially true of the French and German periodicals. For these reasons, the expenditure has been much less than the appropriation based on normal conditions, and, as ordered by the Board, the unexpended balance will be added to the Book Purchase Reserve in order to enable the Library, after the war, to fill the gaps as completely as possible.

The assistant in charge of the Continuation Record reports 737 titles added to the list and 453 withdrawn, leaving 12,547 at the end of the year. About 5,504 are obtained by subscription at a cost in 1915 of \$3,642.20. These furnished 1,014 volumes entered on the record of accessions. The other continuations were received as gifts or in exchange, and furnished 1,586 volumes. For the gifts 1,332 first and 100 second requests were sent and 31 reported to the Librarian for personal letters. For the purchases 180 first and 15 second notifications were sent and 3 reported to the Librarian. Here again the effects of the war are very noticeable. The expenditure, notwithstanding the increase of 621 in the number obtained

by purchase, was less than in 1913 by \$2,400 and the number of volumes bound fewer by 517. In part this is due to the non-receipt of issues but probably more to the postponement of publication.

Dr. Lichtenstein has issued an interesting account of his South American trip which gives a good insight into the conditions governing and limiting book purchases there. When his collections were distributed in April, The John Crerar Library received, after eliminating duplicates and material not wanted, 1,733 volumes and 2,366 pamphlets. The purchase contained less on science and technology than had been hoped for, but it would appear from Dr. Lichtenstein's experience that little is published in South America on these lines and still less collected. It does contain much material of use in the study of the social and economic conditions and has already received one visit from a non-resident scholar. The total cost, exclusive of transportation, was \$7,679; but this has been reduced already by \$164, and will be still further reduced, from the sale of duplicates held on joint account.

Another very important purchase was a selection of 23 incunabula and one manuscript, dealing with medicine and the natural sciences, from Olschki, of Florence, at a total of \$2,683.71. The manuscript, probably of the 15th century, bound in wooden boards, contains a number of medical tracts in Italian, by Guglielmo Varignana. Among the incunabula the following deserve special mention: Plinius' Historia naturalis, Venice, Nicolaus Jenson, 1472; the editio princeps of the Latin Hortus sanitatis, Mainz, Jacob Meydenbach, 1491; the Latin Herbarius, Passau, Johann Petri, 1485; Johannes de Capua's Directorium humanæ vitæ, Strassburg, Johann Prüss, about 1488; Foresti's (Bergomensis') Supplementum chronicorum, Venice, Bernardinus Benalius, 1486. The last contains one of the earliest statements about the invention of printing. The most interesting acquisitions in this purchase were two small volumes, not hitherto described by any bibliographer, namely Matheolus' Tractatus de memoria et de reminiscentia, Padua, Pierre Maufer, about 1474, differing in make-up from the only hitherto known issue of the book printed by Maufer; and Serenus Sammonicus' Medicinale carmen, a very curious product, probably emanating

from an Italian press, but differing both in make-up and textual matters from the only other known edition of the 15th century, printed by Georg Herolt of Rome, some time during the last decade of the century.

Of individual purchases the most important is a copy of Maps illustrating early discovery and exploration in America, 1500-1530 reproduced by photography from the original manuscripts, issued under the direction of Edward Luther Stevenson, New Brunswick, 1903. The maps were selected to illustrate the progress of discovery, the originals are in European libraries, and only 17 other complete copies of the reproductions are known to be available in this country. Other important purchases are: Barrande's Système silurien, Proceedings of the Board of Arbitration in the Western Railways case, and the Record of the New York Constitutional Convention.

Many periodical sets have been completed, among which may be mentioned: Acta eruditorum, 1682-1774; Bulletin de la Société de géographie de Lille; Kindergarten review; Lightning and the Electrical times; Nationalökonomisk tidsskrift; Paxton's magazine of botany; Preussische Statistik; Proceedings of the Cleveland Institution of Engineers; Revue d'hygiène.

Because of the formation of the collection of trade catalogues the number of donors is larger than usual. There were received as gifts 7,580 volumes and 13,879 pamphlets from 3,551 donors. The volumes entered in the accession record were 3,778. The figures for 1914 were 6,962 volumes, 13,196 pamphlets, 2,903 donors, and 3,685 entries.

Besides the customary gifts from the American Medical Association and Lewis Institute, there was an unusual number of large gifts from other sources. Among them may be mentioned: 292 volumes and 321 pamphlets on technical subjects, including many trade catalogues, from Dr. H. E. Horton; 358 items on insurance from the Berkshire Insurance Co., considerable numbers of medical works from Drs. C. N. Johnson and C. S. Stanton and Mrs. Charles J. Simons; more general collections from F. W. Schacht of Downers Grove and Mrs. Frieda Bach of Chicago; and five volumes containing 140 articles on smoke prevention from the committee of the Chicago Association of Commerce.

Duplicates. The sales of the year amounted to 14 bound volumes, 46 unbound volumes, 3 pamphlets and 23 numbers for \$53.63; many numbers of medical journals in bulk for \$23.25, and some of the South American material held on joint account for \$164.33. On priced exchange 3 bound volumes, 6 unbound volumes and three pamphlets, valued at \$39.05, have been sent; 39 bound volumes, 14 unbound volumes, 8 pamphlets and 5 numbers, valued at \$77.20, have been received. On piece for piece exchange 55 bound volumes, 51 unbound volumes, 17 pamphlets and 987 numbers have been sent; 235 bound volumes, 500 unbound volumes, 676 pamphlets and 2,038 numbers have been received.

Inventory. The eighth inventory has been begun and shelves 600 to 609 and 620 to 699 have been read. Of 62,000 volumes 44 were missing, but a systematic search resulted in finding 48 of those missing in the seventh inventory, and 167 serious misplacements were corrected. Eight volumes drawn from the shelves through the Delivery Desk were not returned but the chief offender was caught and six were recovered. On the regular shelves, therefore, there has been a net gain of two volumes.

Unfortunately the losses from the reading rooms are no fewer than in former years. From the main Reading Room eleven were lost and one recovered, from the Senn Room 24 were lost, making, therefore, a net loss of 32 for the year and a total loss of 403 in 19 years, or 1 in 875 volumes.

The mutilation of books has been rather less serious than usual, 21 cases having been found as against 33 in 1914; and the theft and mutilation of periodicals have been much less, 66 being missing and 57 found to be mutilated, as against 100 and 66 in 1914. These losses are due to the misconduct of a very few individuals, so that they vary unaccountably from year to year, but it is hoped that the better supervision of the new Periodical Room may cause a permanent improvement there.

Binding. On January 1st, 1915, there were at the binderies 686 volumes, and 10,025 were sent during the year; 15 were returned as incomplete, and 10,019 bound; leaving 677 at

the binderies December 31st, 1915. About one-quarter were bound by The Newberry Library. The cost of binding was \$9,980, an average of \$1.00 per volume. The cost of shelf-marking the accessions of the year, together with a considerable amount of repairing, inserting book-plates, and similar work. was \$1,604.

Catalogues. The Cataloguer reports that during the year 5,567 new titles have been prepared for print; 143 new titles typewritten; 115 titles prepared for print to replace old typewritten titles, and 28 to replace Library of Congress titles; 4,738 titles received from the Library of Congress and 38 from other libraries have been classified for the catalogues; 252 titles have been prepared for the co-operative analysis of serials. The total number of titles treated by the Cataloguer and Classifier and their assistants has been 12,387. The titles reprinted in correction of errors were 43 and for other alterations 853. Cards for 5,363 new titles and 969 reprinted titles were received from the printer; electroptyes for 655 new titles and 431 reprinted titles from the electrotypers. The total number of separate titles prepared for print to date is 105,067; of sets of cards received, 103,526; of electrotypes, 61,539.

The number of orders sent to the Library of Congress on triplicate order sheets was 7,647 and reports were received on all. There were cards for 2,514 titles on hand January 1st, 1915; 5,665 were received during the year, and 4 were taken from the file of those previously withdrawn; cards for 5,104 were used, and for 510 withdrawn from the file, leaving those for 2,569 on hand December 31st. Of those withdrawn 442 titles were returned to the Library of Congress and 10 were replaced by reprinted cards. Of the 5,665 titles received, 600 were analytical titles from 334 serial publications. Of the 2,569 titles on hand, 552 are for book orders before 1915, 861 for those of 1915, 247 for regular standing orders, and 909 for two special analytical orders.

The work of the Library in the co-operative analysis of serials has been continued. It has supplied 252 titles and has received cards for 1,210. Of the titles received, 387 have been filed in the public card catalogues; one copy of 134 filed in the official catalogue; and 348 have been sold. A revision of the

list of serials has now been made and it is hoped that the change will make a larger proportion of the titles available for the public catalogue. Meanwhile an attempt has been made to utilize more fully those already received. One copy of each is filed under the author in the official catalogue and a subject index under the headings on the cards has been arranged. This has been in preparation for some time but has recently been completed and put in use. There are 29,436 cards in the subject index.

There have been added 29,584 cards to the classed catalogue, which now contains some 170,700 titles on 442,088 cards, an average of 2.59 cards per title; 18,854 cards have been filed in the author catalogue, which now contains the same 170,700 titles on 301,696 cards, an average of 1.77 cards per title; 1,057 guides and 6,101 cards have been added to the subject index, which now contains 25,030 guides and 63,910 cards covering 148,400 titles, an average of 0.43 card per title.

The distribution of the cards in the classed catalogue, by departments, is shown in the following table:

CAR	DS
1915	TOTAL
10,065	147,503
8,608	113,350
1,084	30,197
2,547	49,312
2,911	33,682
4,369	68 ,0 44
29,584	442,088
	10,065 8,608 1,084 2,547 2,911 4,369

Of the 170,700 titles in the public catalogues about 102,300 are on cards printed by the Library, about 55,100 on Library of Congress cards, about 11,800 on A. L. A. co-operative cards, 318 on other printed cards, and about 1,100 are typewritten.

The index of government and state publications and the analytical index of the U. S. Bureau of Education have been consolidated. Some 10,000 cards were added during the year and the total number is 112,808.

While the total routine work of the cataloguing staff is less than last year's record figure yet, after allowance is made for several long illnesses and absences, the amount is very satisfactory. As the supply of foreign books has been irregular and scanty, much work has been done on the arrears, mostly on the Gerritsen purchase and the Newberry medical collection. The total of arrears of all kinds has been reduced from 922 shelves to 829; of these 144 are Orientalia, which cannot be treated by the regular staff, and 91 are pamphlets which will require only summary treatment.

At the request of a committee of the American Library Association the Library determined the cost of cataloguing one hundred books, chosen to form a fair average of difficulty. The cost in time was \$57.70 and for composition, stock and presswork on the printed cards, \$25.81 or a total of \$83.51. This is somewhat but not much more than had been anticipated, and is considerably above the average for American libraries; but it should be remembered that only the larger university libraries have work of equal difficulty and that their catalogues have not the same breadth of plan.

A similar determination of the cost of using Library of Congress cards showed a saving of over \$17.00 per hundred titles in the preparation of the titles and of less than \$6.00 for the cards themselves, making the total cost for one hundred of these titles about \$60.00.

Exhibitions and Meetings. The Library joined in the collective exhibit of the American Library Association at the Panama-Pacific Exposition, in San Francisco, from May to December. The set of publications and the sample catalogue exhibited at Leipzig were supplemented by photographs and other material.

The Library was represented officially by the Librarian and unofficially by three other members of the staff at the annual meeting of the American Library Association at Berkeley, June 3rd to 9th; and officially by the Assistant Librarian and unofficially by thirteen other members of the staff at the annual meeting of the Illinois Library Association at Urbana, November 3rd to 5th.

Staff. The resignation, because of her marriage, of Miss Margery C. Cooper, junior assistant, after a very efficient service of five years, is the only loss from the staff above the grade of attendant. The other resignations were Miss Lucy

A. Curtis and Mr. G. V. Mariotti, attendants, and George Fleck, page. One page was dismissed.

The following appointments have been made: Mr. H. E. Roelke of Brown University Library as the second Assistant Reference Librarian; Miss Harrie E. Brooke, junior assistant; Mr. Anthony Gabler and Mr. John Kolenburg, attendants; Wm. Sherden, A. Weimer, Edward Boin, and George Nelson, pages.

The following have given or are giving temporary service: Mr. J. Christian Bay as Medical Reference Librarian; Miss Grace Kelley as Assistant Classifier; Misses Harriet E. Penfield and Agnes M. Cole as senior assistants; Misses Florence E. Durkee, Beatrice Mulford, Anna D. White, and Cornelia Wyse as junior assistants; Misses R. B. Lane and R. Westlund and Mr. W. F. Stone as attendants.

Although the changes in the staff have been remarkably few, the large number of illnesses due to the prevailing epidemic of colds and grip has been a very serious drawback. In spite of this the foregoing record of work accomplished would appear to be quite satisfactory and it is hoped that the Board will so consider it.

Respectfully submitted,

CLEMENT W. ANDREWS,

Librarian.

Chicago, January 20, 1916.

LIBRARY STATISTICS: I

RECORD OF ATTENDANCE AND USE FOR 1915

	JAN.	FEB.	Мавсн	APRIL	JAN. FEB. MARCH AFRIL MAY JUNE JULY AUGUST SEPT. OCT. NOV. DEC.	JUNE	July	August	SEPT.	0cr.	Nov.	DEC.	Toral .	FOTAL 1914	IN- CREASE PER CT.
Visitors Daily Average	15,111	15,198	16,778	14,530	14,394	12,233	12,015	11,432	12,029	15,140	16,239	15,064	15,111 15,198 16,778 14,530 14,394 12,233 12,015 11,432 12,029 15,140 16,239 15,064 170,163 160,380 581 633 621 559 554 470 445 440 463 582 582 585 558 544 513 6.04	160,380	6.04
Calls for Books from Stack 17,659 16,825 19,138 18,003 16,920 13,142 12,447 12,548 17,070 20,961 17,099 195,502 176,368	17,659	16,825	19,138	18,003	16,920	13,690	13,142	12,447	12,548	17,070	20,961	17,099	195,502	176,368	10.8
CallsforPeriodicalsfrom Alcove Daily Average	1,705	1,564	1,630	1,463 56	1,514	1,348 52	1,238	1,367	754 29			i i i i i i i i i i i i i i i i i i i	*12,583 54	18,765	i i i i i i i i i i i i i i i i i i i
Visitors Admitted to Stack	295	265	328	348	307	295	358	345	355	371	356	390	295 265 328 348 307 295 358 345 355 371 356 390 4,013 2,472 62.3	2,472	62.3

*Total for 9 mos. Periodical Room opened Oct. 1st. Smallest attendance, 138 on Dec. 25th. Largest attendance, 138 on Dec. 25th. Largest attendance, 988 on Nov. 27th. Smallest number of calls for books, 192 on Dec. 25th. Largest number, 1,423 on Nov. 13th.

COMPARISON BY YEARS

1915	41,697 54,828 66,512 76,429 87,494 92,244 101,839 109,676 130,049 134,579 138,353 143,858 154,834 157,893 160,380 170,163 134 175 213 244 279 296 321 351 414 430 442 462 493 505 513 544	23,996 32,193 39,606 50,264 59,561 67,386 113,565 104,435 108,662 107,006 124,819 139,386 142,262 156,314 176,368 195,502 77 103 127 161 190 216 363 334 346 345 349 447 453 500 564 625	8,667 9,741 12,250 13,264 15,178 15,472 14,722 17,449 20,980 20,261 19,990 19,707 17,784 17,693 18,765 *12,583 54 50 47 50 47 50 67 65 64 63 53 57 57 60 54 54	4,013	353,394
1900 1902 1903 1904 1905 1906 1908 1910 1911 1912 1913 1914	160,380	176,368	18,765	1,019 1,046 1,167 1,193 1,608 1,681 1,690 1,944 2,671 2,437 2,430 2,460 4,018 3,466 2,472 4,013	337,138
1913	157,893	156,314	17,693	3,466	322,049
1912	154,834	142,262	17,784	4,018	307,350
1161	143,858 462	139,386 447	19,707	2,460	286,829
1910	138,353	124,819 399	19,990	2,430	268,153
1909	134,579	107,006 343	20,261 65	2,437	251,281
8061	130,049	108,662 346	20,980	2,671	232,403
1907	109,676 351	104,435	17,449	1,944	215,144
9061	101,839 321	113,565	14,722	069,1	197,440
1905	92,244 296	67,386 216	15,472	1,681	142,971
1904	87,494	195,65	15,178	1,608	123,018
1903	76,429	50,264	13,264	1,193	103,291
1902	66,512	39,606	12,250	1,167	89,219
1001	54,828	32,193 103	9,741	1,046	76,432
1900	41,697	23,996	8,667	610,1	65,645
1897 1898 9 Mos.	30,516	15,367	7,213	359 656	43,061
1897 9 MOS.	18,584	6,995	3,864	359	29,141
	Visitors 18,584 30,516 Daily Average 80 99	from Stack Daily Average	cans for refronteaus 3,864 7,213. Daily Average 17 23.	to Stack	Wolumes in Library 29,141 43,001 65,645 76,432 89,219 103,291 123,018 142,971 197,440 215,144 232,403 251,281 268,153 286,829 307,350 322,049 337,138 353,394

						ACCE	ACCESSIONS						
SUBJECTS		S.	URDERS		Voi	VOLUMES	PAMP	PAMPHLETS	FERIC	FERIODICALS	KEC	KECORDED USE	SE
	i	1915	Total	tal	1915	Total	1915	Total		1915		1915	
	Vol.	Est. Cost*	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost*	Books	Periodic'ls (9 mos.)	Stack
UNCLASSIFIED	4,431	\$ 1,930	61,723	\$ 67,647	400	17,357	!	29,719			2,077		;
	157	\$ 263	2,617	\$ 6,942	9	1,264	341	6,115	12	\$ 17	4,020	63	17
1 Bibliography	213	632	4,989	13,454	331	7,172	160	1,701	143	172	1,524	121	" "
	73	55	1,945	2,018	187	3,004	69	1,204	29	. S	894	57)
	30	83	1,481	3,014	47	1,623	H	24	ŀ	-	169	-	н
4 Collected Works of Authors -	27	50	387	1,051	24	423	Η,	OI	;	-	313	1	1
	134	100	3,649	4,496	370	6,654	165	1,033	117	283	4,056	2,858	∞
6 General Societies	00 ! 00 !	250	5,119	15,042	175	6,668	7	8.	121	161	2,502	29	6
7 Exhibitions and Museums	45	30	1,501	1,894	33	1,663	4	384	30	∞	325	н	;
10 Philosophy	177	003	2,251	3,646	74	2,207	7	218	18	81	409	34	v
13, 15 Psychology	150	223	2,484	3,378	215	3,063	115	299	48	74	8,569	192	23
40 Philology	13	57	1,074	2,216	35	1,105	28	124	ł	-	858	-	'n
90 History and Geography	296	825	7,285	15,452	742	8,922	405	2,392	18	9	6,388	8	32
- 1	96	802	669'2	7,298	284	4,003	SI	261	34	11	1,421	811	4
	1,503	\$ 4,084	42,541	106'64 \$	2,523	47,771	1,344	14,223	809	\$ 896	31,457	3,475	107
II.—Social Sciences:			,										
I7 Ethics	229	\$ 201	1,548	\$ 1,361	262	1,772	123	. 757	12	15 15	2,559	12	61
20 Kengion	82	107	785	1,083	110	1,038	139	1,537	01	es	1,025	51	9
30 General Works	277	341	4,535	5,234	335	4,318	H (717.	29	122	4,379	230	50
31 Statistics Coience	105	121	3,342	4,282	311	3,848	100	355	9	So	982	6	13
22 Political Economy	351	411	2,001	4,514	507	0,474	305	2,222	222	22	2,428	52	11
	2, 1	2,70	101601	204.0	1,141	10,709	7.10	1041	707	209	9,104	1,044	8 '
	6/1	900	2)-(1	0,44,	0/1	3,291	9	07/	†	7	1,530	n	N
Documents)	836	547	11,706	12,340	1,012	25,393	333	2,774	66	201	4,153	122	27
36 Associations and Institutions.	292	349	3,702	3,885	459	6,812	474	2,988	78,	64	2,806	102	. 0
37 Education	412	484	8,856	8,209	699	12,935	1,097	8,159	125	111	4,937	125	19
a line	7	122	2.052	2.888	216	750	162	1 528	76	76	2 452	410	8
39 Customs, Folklore, etc.	22	133	1,803	2,316	65	1,996	425	1,471	61	91	2,189	5.1 1.4	၇ပ
	3,754	\$ 4,207	58,300	\$ 65,020	5.525	00,425	4.123	30.607	763	030	38.605	2.140	320
				5	2					П			

			5			_	200	ACCESSIONS		Dane		0	I dans	Tar
Subjects			S C	URDERS		Λ	VOLUMES	PAMP	PAMPHLETS	PERI	FERIODICALS	KEC	KECORDED USE	OSE
	-	1915		Te	Total	1915	Total	1915	Total	_	1915		1915	
III.—PHYSICAL SCIENCES:	Vol Est.	Est.	*tso2	Vol.	Est. Cost*	No.	No.	No.	No.	No.	Cost*	Books	Periodic'ls (9 mos.)	Stack
	82	€0.	228	4,680	\$ 8,666		4,394	H	203	49	98	871	14	2
51 Mathematics	105		262	4,003	8,257	106	_	3	225	41	86	3,039	7	37
52 Astronomy	36		100	3,933	8,423	0.3		н	. 430	49	77	1,438	67	OI
Physics	147		274	6,807	11,789		8,189	1,086	3,586	71	961	8,000	381	8
54 Chemistry and Mineralogy	130		252	6,870	11,397	' ISI	6,927	89	950	SI	245	5,903	118	310
	300	*	1,125	26,383	\$ 48,532	635	28,213	1,159	5,394	261	\$ 702	19,257	587	539
IV.—NATURAL SCIENCES:	10	40	426	6,500	*60	282		67	1,184	III	\$ 181	2,549	∞	38
56 Palæontology	, ,		37	740	3,603		817	6	94	∞	41	49	-	н
57 Biology and Natural Sciences in Ceneral	18.		290	777	28 77.4			ç	812	101	7.6	2.771	00	~
Botany	276		77.5	7,002	10.57		6.310	2 4	405	108	247	1.848	2 6	44
59 Zoology	417		1,256	9,002	38,217	389		63	1,086	140	513	4,182	78	83
	926	€€	3,439	31,298	\$ 102,738	1,444	33,855	212	3,377	558	\$ 1,397	12,399	135	250
VMEDICAL SCIENCES	1,327	*	4,640	76,409	76,409 \$106,154	2,078	66,904	1,203	25,045	759	\$ 1,490	30,751		1,304
VI.—APPLIED SCIENCES:			c	c				c c			*			
62 Engineering	143	A	238	5,204	\$ 10,557	287	7,737	1,035	2,351	366	671	2,714	1,190	2007
Agriculture	182		222	8,772	0,15			525	3,969		118	6,040	î 	55
64 Domestic Economy	40		32	1,955	1,771			75	380	13	17	2,236		17
65 Trade and Transportation	44I		632	7,984	360'11		8,385	210	1,639		135	10,152		139
66 Chemical Technology	200		424	5,036	10,045			82	846		242	8,854		348
67, 68 Manufactures and Trades.	500		283	3,305	5,250	329		811	765		107	4,549		48
	4		108	2,036	3,513			20	381	27	10	3,233	395	22
Landscape Gardening	13		∞	816	1,30			91	370	7	15	207	87	1
72 Architecture	18	•	4	1,073	3,63;			61	138		3	1,744	250	15
73-70 Drawing, Design, etc.	33		611	1,865	0,154	132	2,038	30	171	9 0	14 22	2,700	93	12
- I	1 873	6	1, 1,	24 418		2,657	19	2,462	096 11	_	\$ 1 A70	92009		15
Total	14 244	<u>, </u>	2010	3,109 34,410	2	3,031		11.502	122.824	2.758‡	6.014	105.502	12.582	4,013

LIST OF DONORS IN 1915

Volumes or Pamphlets.	Volumes or Pamphlets.
Aarhus, (Den.), Statshiblioteket 3	American Association of Unemployment, New
Abel, A. S., Co., Baltimore	York
Aberdeen University	American Bison Society, Groton, Mass r
— Library	American Brewers' Review Co., Chicago 2 American Bureau of Public Speaking, Chicago. 1
Academia de Sciencias de Portugal. Lisbon	American Canoe Association. New York
Academy of Science of St. Louis	American Chemical Society, Chicago
Acme Machinery Co., Cleveland 1	American Civic Association, Washington, D. C. 1
Actuarial Society of America, New York	American Canoe Association, New York
Adair, Dr. B. A. Owens, Warrenton, Ore	— Agricultural Dept. 5 American Electric Railway Association, New
Adams Company, Dubuque 5	York
Adams Nervine Asylum, Boston 1 Adams Truck Foundry & Machine Co., Find-	American Elevator & Machine Co. Louisville a
lay, O	American Ever Ready Co., New York
lay, O I Adams, W. F., Springfield, Mass I	American Farming Publishing Co., Chicago 1
Adamson Machine Co., Akton, O	American Federation of Labor, Washington, D.C. 5
Adelaide (South Australia) Chamber of Com-	- Metal Trades Dept
merce	American Flord Journal, Chicago. American Gynecological Society, New York American Hampshire Sheep Association, Cold
Advar (India) Library	American Food Journal, Chicago
Ajax Manufacturing Co., Chicago 2	American Gynecological Society, New York 1
Adyar (India) Library	American Hampshire Sheep Association, Cold
— Dept. of Agriculture and Industries 5	Water, Mich 1 American Highspeed Chain Co., Chicago 2
— Dept. of Archives and History	American Hospital Association, Detroit
— Geological Survey	American Humane Association, Albany 2
- Live Stock Sanitary Board	American Institute of Architects, Washington.
Dept. of Agriculture and Industries. 5	American Institute of Consulting Engineers,
— State Game and Pish Commissioner 1	American Institute of Consulting Engineers,
State Highway Commission	New York 1 American Institute of Dental Teachers, Pitts-
- State Tax Commission	burg
— Supt. of Banks	American Institute of Electrical Engineers,
— Supt. of Banks r Alabama Great Southern Railroad Company,	New York I American Iron and Steel Institute, New York. I
New York I Albany Medical College I	American Iron and Steel Institute, New York 1
Albany Medical College	— Bureau of Statistics, <i>Philadel phia</i> 9 American Issue Publishing Company, <i>Wester</i> -
— Alumni Association	nille O
Alexander Hamilton Institute, New York 1	ville, O
Alfred (N. Y.) University	American Journal of Orthopedic Surgery.
Allegheny College, Meadville, Pa	Philadelphia 1
Allegheny (Pa.) Observatory 1	American Journal of Public Health, Boston 1 American Journal of Veterinary Medicine,
Alliance Française, Paris	Chicago vetermary Wedicine,
Aluminum Company of America, Chicago I	American Judicature Society, Chicago 5
Alumni Social Service Bureau, Boston	American La France Fire Engine Company,
Alvord and Burdick, Chicago	Elmira, N. Y 2
Alvord and Burdick, Chicago 1 Alvord, John W., Chicago 1 Amalgamated Association of Street and Elec-	American La France Fire Engine Company, Elmira, N. Y
	York. American Laryngological, Rhinological and Otological Society, New York
Detroit 2	Otological Society, New York
Amarillo, (Tex.) City Clerk	American Leather Chemists Association, New
American Academy of Ophthalmology and	York
American Anti Boycott Association New York	American Life Convention, Omaha 4
American Anti-Boycott Association, New York 5 American Association for Labor Legislation	American Lumberman Chicago
New York	American Lumberman, Chicago i American Manufacturers' Export Association,
Detroit. 2 Amarillo, (Tex.) City Clerk 1 American Academy of Ophthalmology and Oto-Laryngology, Chicago. 2 American Anti-Boycott Association, New York 5 American Association for Labor Legislation, New York. 2 American Association of Commerce and Trade in Berlin. 42	New York r American Marine Engineer, New York r
in Berlin	American Marine Engineer, New York
American Association of Farmers' Institute	American Medical Association, Chicago 1,158
Workers, East Lansing, Mich	among Women Des Maines
St. Louis, Ill	American Medical Association, Chicago1,158 — Committee of Public Health Education among Women, Des Moines
American Association of Genito-Urinary Sur-	Binghamton, N. Y. I. American Mining Congress, Washington, D. C
geons, New York American Association of Obstetricians and	American Mining Congress, Washington, D. C 3
American Association of Ubstetricians and	Arrerican Museum of Natural History, New
Gynecologists, Cincinnati 1 American Association of Passenger Traffic	American Museum of Safety. New York
Officers, Boston	York 2 American Museum of Safety, New York 1 American National Live Stock Association,
American Association of Railway Surgeons,	Denver I
Chicago	American National Red Cross Association,
American Association of Refrigeration, Chicago 2	Washington, D. C 1

Volumes or Pamphlets.	Volumes or
American Ophthalmological Society, Phila-	Anti-Imperialist League, Boston 1 Anti-Saloon League of America, Washington,
delphia I American Osteopathic Association, New York	Anti-Saloon League of America, Washington,
American Osteopathic Association, New York American Otological Society, New York	D. C
American Peace Society, Washington, D. C I	Appel, Theodore, Chicago
American Pharmaceutical Association, Colum-	Apprenticeship and Skilled Employment Asso- ciation, London
hue O	Ambaitan Zaitan u. Ct. Tania
American Photo Engraver, Chicago I American Physical Education Association,	Arcade Manufacturing Co., Freeport, Ill 2
Chicago 1 American Pin Co., Waterville, Conn 1 American Pomological Society, Washington,	Arbetare Zeitung, St. Louis. 1 Arbetarerörelsens Arkiv, Stockholm. 1 Arcade Manufacturing Co., Freeport, Ill. 2 Archbold-Brady Co., Synacuse, N. 2 Arctic Ice Machine Co., Caulon, O. 6 Argentine Republic, Dirección General de
American Pomological Society, Washington, D. C	Argentine Republic, Dirección General de
American Practitioner, New York	Comercio e Industria
American Public Health Association, Baston 2	Ministerio de Agricultura
American Radiator Co., Chicago 1 American Railway Association, Chicago 2 — Special Committee on Relation of Railway	Hidrologia
- Special Committee on Relation of Railway	Arizona Agricultural Experiment Station 14
Operation to Legislation	Board of Control 3
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Municipal Art Society of New York	5	Soil Improvement Committee Chicago	2
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	t	National League on Urban Conditions among	_
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San Francisco Chamber of Commerce	Smoke Abatement League, Cincinnali 2
San Francisco Mechanics' Institute I Sand Lime Brick Association, Buffalo 2	Smooth-on Manufacturing Co., Jersey City 2 Snead and Co. Iron Works, Jersey City
Sand Lime Brick Association, Buffalo 2 Santa Fé Magazine, Chicago 1 São Paulo, Brazil, Departamento Estadual do	Snead and Co. Iron Works, Jersey City 1
São Paulo, Brazil, Departamento Estadual do Trabalho	Socialistic Party, Chicago
- Secretaria da Agricultura, Commercio e	
Ohras Publicas	Societé d'Economie Politique, Paris
Saranac Laboratory, Saranac Lake, N. Y 2 Sarawak Museum, Borneo	Society for the Promotion of Training for
Sackatchewan Board of Highway Commis-	Public Service, Madison
sioners	Society of American Florists and Ornamental Horticulturists, Urbana, Ill
Satterthwaite, Thomas E., New York	Society of the Lying-In Hospital, New York 3
Savage Arms Co., Utica, N. Y	
Savage Arms Co., Utica, N. Y. 1	gineers, New York I Society of the New York Hospital, New York I Society of Tropical Medicine and Hygiene,
Savannah Cotton Exchange 1 Scandinavian Socialist Federation of America,	Society of Tropical Medicine and Hygiene,
	London. 2 Somerville (Mass.) Public Library. 1
Chicago 1 Schachner, Dr. August Louisville 3	Sorge, A. Jr., & Co., Chicago
Schacht, F. W., Downers Grove, Ill434	Sorge, A. Jr., & Co., Chicago
Chicago. I Schachner, Dr. August, Louisville	South Australia, Dept. of Agriculture 5
Schatz Manufacturing Co., Poughkeepsie, N. Y. 1	— Dept. of Mines
Schimmel & Co., Miltitz, Ger	— State Children's Dept r South Australian Chamber of Manufactures,
School of Printing. Boston	Adelaide
Schuller, Rudolf, Chicago 4	South Bend Watch Company, South Bend, Ind. 1 South Carolina, Agricultural Experiment Sta-
Schwartz, Charles P., Chicago 1 Schweizerische Landesbibliotek, Bern 1 Schweizerische Vereinigung zur Förderung des	South Carolina, Agricultural Experiment Station 4
Schweizerische Vereinigung zur Förderung des	- Dept. of Education
	- Insurance Dept
Scientific American, New York	— Railroad Commission
Scientific Station for Pure Products, New York	South Dakota, Agricultural Experiment Sta-
Scotland, Board of Agriculture, Edinburgh 14	tion
Scranton (Pa.) Public Library	— Ruditor's Dept
Scribner's, Charles, Sons Co., New York	Board of Railroad Commissioners
Scully, Dr. T. P., Rome, N. Y	— Bureau of Immigration 2 — Dept. of Health & Medical Examiners 1
Seattle Public Library	- Dept. of Flustory. 1 - Dept. of Public Instruction. 1
Seifert, Dr. M. J., Chicago	— Dept. of Public Instruction
Seneca Falls Mig. Co., Seneca Falls, N. Y 1 Senna, Dr. Nelson de. Bello Horizonte, Brazil	— State Board of Pharmacy
Servus Rescue Equipment Company, Newark,	- State Food and Drug Commission 3
Seymour Library Auburn N V	- State Geological Survey 1 - State Inspector of Mines 8
Shakespeare Birthday Committee, New York. 1	South Dakota Pharmaceutical Association,
N. J. I Seymour Library, Auburn, N. Y. 2 Shakespeare Birthday Committee, New York. I Sharp & Dohme, Baltimore. I Shea, Smith & Co., Chicago. 2 Shepard Electric Crane & Hoist Co., Chicago. I Sheppherd's Lournal Chicago.	Dell Rapids
Shepard Electric Crane & Hoist Co., Chicago	South Dakota, School of Mines, Rapid City 3 Southern Illinois State Normal University,
Shephard Electric Crane & Hoist Co., Chicago. 1 Shephard's Journal, Chicago. 1 Sherman, Althea R., McGregor, Ia. 7 Shoe and Leather Reporter, Norwood, Mass. 1 Shoe Workers' Journal, Boston. 2 Shore Instrument & Mig. Co., New York. 1 Shrainka, Dr. Philip, St. Louis. 1 Siège Social, Paris. 2 Sierra Club, San Francisco. 2 Sierra Club, Scociety, Urbana, III. 8	Carbonale I
Sherman, Althea R., McGregor, Ia	Southern Orchards and Farms, Houston, Tex. 2
Shoe Workers' Journal, Boston	Southern Pacific Company, New York. I Southern Pacific Railway Co., San Francisco. 16 Southern Railway Co., New York. 1 Southern Rhodesia, Director of Agriculture,
Shore Instrument & Mfg. Co., New York I	Southern Railway Co., New York
Siège Social. Paris	Salisbury
Sierra Club, San Francisco	Salisbury I Southern Settlement and Development Or-
Silk Association of America New Varh	ganization, Baltimore
Sierra Club, San Francisco. 2 Sigma Xi Society, Urbana, Ill 8 Silk Association of America, New York 2 Simmon Automatic Railway Signal Co., Buffalo 2	tion, Chicago
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Volumes or . Pamphlets.	Volumes or Pamphlets.
Southwest Trail, Chicago 1 Spain, Estadistica Demografico-Sanitaria,	Taylor, Dr. William J., Philadelphia r Tea and Coffee Trade Journal Co., New York. r Technograph, Urbana, Ill r Technological Institute Emperor Nicholas I.,
Madrid. Spencer Turbine Cleaner Co., Hartford, Conn. 2	Technological Institute Emperor Nicholas I.,
Spokane Chamber of Commerce, 4 Spokane Public Library 1	Petrograd Telleen
Sprague Electric Works, New York	Tennessee, Agricultural Experiment Station. 9
Springheld (Mass) City Library Association 13 — Health Dept	- Dept. of Agriculture
Standard Machinery Co., Mystic, Conn 1 Standard Oil Company, San Francisco 3	— Mining Dept r — Railroad Commission r
Standard Paint Co., New York	Testimony Publishing Co., Chicago r
Health Dept. 1 Standard Machinery Co., Mystic, Conm. 1 Standard Oil Company, San Francisco. 3 Standard Paint Co., New York. 13 Standard Press Steel Co., Philadelphia. 1 Standard Spiral Pipe Works, Chicago. 1 Standard Stained Shingle Co., North Tonamondan N. V. 2	Bureau of Labor Statistics
vanda, N. Y	- Dept. of Agriculture
Standard Tool Co., Cleveland	Legislative Reference Division
State Charities Aid Association, New York 1 Staten Island Association of Arts and Sciences,	- Railroad Commission
New Brighton, N. Y. 3 Stecher, Charles, Co., Chicago. 1 Stein, Mrs. Oswald, Chicago. 1	- State Comptroller r - State Health Dept 4 - State Library, Legislative Reference Divi-
Stein, Mrs. Oswald, Chicago	- State Library, Legislative Reference Divi-
Steinway & Sons, New York 14 Stephan, F. W., Chicago 4 Stephens-Adamson Manufacturing Co., Aurora,	Treasurer r
	Texas, Agricultural and Mechanical College, College Station
Stevens Institute of Technology, Hoboken, N. J. 1 Steward & Romaine Mfg. Co., Philadelphia. 1 Stimmen im Sturm. Zurich. 1 Stimmen, Henry L., New York. 1	Texas State Medical Association. Fort Worth T
Stimmen im Sturm, Zurich.	Thaumazo, F., Brooklyn. 1 Theosophical Society of America, Brooklyn. 1
Stone and Webster, Chicago	Thermal Syndicate, New York
Storey, Moorfield, Boston	Thermal Syndicate, New York
	Thomas S. Clarkson Memorial School of Technology, Poisdam, N. Y
Stromberg-Carlson Telephone Mig. Co., Roches- ter, N. Y	nology, Potsdam, N. Y. 1 Thompson, Shonnard & Co., New York 18 Thompson, Shonnard & Co., New York 18 Thompson, Slason, Chicago 13 Throop College of Technology, Pasadena 11 Tissot, Ed. Chew., de, Eonds, Coniteraland
Stromberg-Carlson Telephone Mig. Co., Rochester, N. Y. 12 Stromberg Electric Co., Chicago 7 Stuttgart, Volkshibliothek 1	Throop College of Technology, Pasadena 11 Tissot, Ed., Chaux-de-Fonds, Switzerland 4 Titanium Alloy Manufacturing Co., Niagara
	Titanium Alloy Manufacturing Co., Niagara Falls 2
Sullivan Machinery Co., Chicago. 16 Superior (Wis.) Public Library. 1 Supplee-Biddle Hardware Co., Philadelphia. 1 Supplee-Biddle Hardware Co., Philadelphia. 6	Falls. 2 Todd, G. W., & Co., Rochester, N. Y. 4 Tohoku Imperial University, College of Agriculture Library, Schools, Lebary, Lebary, Schools, Lebary, Lebary, Schools, Lebary, Schools, Lebary, Schools, Lebary, Schools, Lebary, Schools, Lebary,
	Culture, Library, Sapporo, Japan 3
Swarthmore (Pa.) College	Tomkins, Calvin, New York 1 Toronto, City Treasurer
Sweden, Riksförsäkringsanstalten, Slockholm. 3 Sweden, Socialstyrelsen, Stockholm. 3 Swedish Engineers' Society, Chicago. 5 Sweetland Filter Press Co., New York. 1 Sweet's Catalogue Service, New York. 1 Sweet's Discharge Processing Stockholm. 1	— Public Library
Swedish Engineers' Society, Chicago	Toynhee Hall, London. r Traffic Club of Chicago. r Transvaal, Dept. of Agriculture. r
Sweet's Catalogue Service, New York. 1 Swift, Dr. Walter B., Boston. 5	Transvaal Museum Pretoria
Switzerland, Drucksachenbureau der Staats-	Travelers Aid Society, New York
Synfleur Scientific Laboratories, Monticello, N.Y.	Allentown, Pa 8 Trenton (N. J.) Board of Commissioners
Syracuse (N. Y.) Public Library 4 Syracuse (N. Y.) University r	- Free Public Library
	Trimont Mig. Co., Roxbury, Mass. 1 Trinity College, Hartford. 6
Tacoma (Wash.) Commercial Club & Chamber of Commerce	Troy Engine and Marketine Co., Troy, Pa
Taft-Pierce Manufacturing Co., Woonsocket,	Trimont Mfg. Co., Roxbury, Mass. 1 Trinity College, Hartford. 6 Troy Engine and Machine Co., Troy, Pa. 1 Troy (N. Y.) Public Library. 1 Trus-Con Laboratories, Detroit. 1 Trussed Concrete Steel Co., Detroit. 2 Trucker, Eilbert M. Albany. 1
R. I. 4 Tasmania, Dept. of Mines 18 — Government Geologist 4 Tasmanian Field Naturalists' Club, Hobart 1	Trussed Concrete Steel Co., Detroit
Tasmanian Field Naturalists' Club, Hobart 1	Tucker, Dr. W. G., Albany 1 Tufts College, Tufts College, Mass 2
Tate, Jones & Co., Inc., Piltsburg	Tucker, Gilbert M. Albany. 1 Tucker, Dr. W. G., Albany. 1 Tuts College, Tufts College, Mass 2 Tulane University, New Orleans. 8 Tulloss School, Springfield, O. 1 Turner Vaughn & Taylor Co., Cuyahoga Falls,
(.ni	Turner Vaughn & Taylor Co., Cuyahoga Falls, O
Taylor Chair Co., Bedford, O	Tuskegee Normal and Industrial Institute, Experiment Station
Taylor, John M., Hartford, Conn	Experiment Station
Taylor, R. S., Fort Wayne, Ind 5	Tweedell, E. D., Hinsdale, Ill

Volumes or Pamphlets.	Volumes or Pamphlets.
Tyler, W. S., Company, Cleveland 2	University of Colorado, Boulder 7 University of Denver 2
Uehling Instrument Co., Passaic, N. J 20 Under-Feed Stoker Company of America,	University of Florida, Gainesville. 1 University of Georgia, Athens 1 - Library. 2
Chicago 24 Union College, Schenectady, N. Y. 1 Union League Club, Chicago 1 Union Stock Yard and Transit Company, Chicago 1	University of Idaho, Moscow. 3
Union League Club, Chicago I Union Stock Yard and Transit Company,	University of Idaho, Moscow. 3 University of Illinois, Urbana 14 — Alumni Association. 3
Union Theological Seminary, New York I Union Twist Drill Co., Athol, Mass I Union University, Albany Medical College,	— Dept. of Zoology I
Union University, Albany Medical College,	- Dept. of Horticulture
United Brotherhood of Carpenters and Joiners	University of Iowa. Iowa City 7
of America, Indiana potis I United Charities, Chicago I	University of Kansas, Lawrence. 16 University of Maine, Orono. 1
United Committee for the Taxation of Land	University of Michigan, Ann Arbor 21
Values, London 4 United Garment Workers of America, New	— Alumni Association r — Astronomical Observatory, Detroit r
York United Gas Improvement Co., Philadelphia 2	- Engineering Society 1 - General Library 12
United Shoe Machinery Co., Boston 4 United States, Army Service Schools, Fort	University of Minnesota
United Gas Improvement Co., Philadesphia 2 United Shoe Machinery Co., Boston 4 United States, Army Service Schools, Fort Leavenworth, Kan 3 — Coast Artillery School, Fort Monroe, Va 11 — Commissioner on Industrial Relations, Chicago 207 — Federal Reserve Board	- Engineering Society 1 - General Library 12 University of Minnesota 21 - Library 25 University of Missouri, Columbia 15 - College of Agriculture 19 - Agricultural Extension Service 7
- Commissioner on Industrial Relations,	— Agricultural Extension Service 7
Federal Reserve Boardr — Isthmian Canal Commission, Mount Hope,	Library
C, Z,	University of Nebraska, Lincoln
	— College of Agriculture 2
- Military Academy, West Point, N. Y 2	— Dept. of Botany I University of New Mexico, Albuquerque 2 University of North Carolina, Chapel Hill I
- Lake Survey Office, Detroit. 0 - Library of Congress. 33 - Military Academy, West Point, N. Y. 2 - Supt. of Documents. 408 - United States Attorney, Chicago. 10 - War Dept. Engineers Office, Detroit. 1	- Library
	— Library. 17 University of North Dakota Grand Forks. 4 University of Notre Dame, Ind. 1 University of Oklahoma, Norman. 11 University of Oklahoma, Norman. 11
United States Brewers Association, New York. 2 United States Electrical Tool Co., Cincinnati. 1	University of Oklahoma, Norman
United States Government Hospital for the	University of Oregon, Eugene. 5 University of Oxford 1 University of Pennsylvania, Philadelphia 22 — Dept. of Neurology. 1 Honey Dhiron Locations. 1
Insane	- Dept. of Neurology 1
Loan Associations, Cincinnati	— School of Medicine
United States Light & Heating Co., Niagara Falls	University of Pittsburg 1 — Dept. of Physiology and Pharmacology 10 — Mellon Institute
Falls. 7 United States Mortgage and Trust Co., New York. 1	University of Rochester N V
United States Sherardizing Co., New Castle, Pa. 2	University of Southern California, Los Angeles. 5
United States Steel Corporation, New York 5 United States Trade Mark Association, New	University of Southern California, Los Angeles. 5 University of Tennessee, Knoxville. 6 University of Texas, Austin. 35 University of the Philippines, Manila. 1 University of the South Convention of the Convent
Vork. 3 United Table-Bed Co., Chicago. 1 United Typothetae and Franklin Clubs of	University of the Philippines, Manila I University of the South, Sewanee, Tenn I
America, Chicago	University of the South, Sevanee, Tenn 1 University of Toronto. 12 University of Utah, Salt Lake City. 1 University of Virginia, Charlottesville. 3 Diviscraphical Similary. 3
Universal Portland Cement Co. Chicago 2	University of Virginia, Charlottesville
Universal Winding Co., Boston. I Università degli Studi di Palermo. I Università di Padova, Istituto de Geologia. 9	University of Washington, Seattle 4 University of West Virginia, Morgantown 1
	University of Wisconsin. Madison 25
Universitäts-Bibliothek, Basel 5	— Library
Université le Toulouse	University of Wyoming, Laramie 5 Unknown
Universitets Bibliotheket, Christiania 6 Universitets Biblioteket, Lund 8 University Club, New York 2	Upper Mississippi River Improvement Associa-
University Club, New York. 2	tion, Quincy, Ill. 3 Ursinus College, Collegeville, Pa. 1
University of Arizona College of Agriculture	Uruguay, Inspeción Nacionial de Instrucción Primaria
Tucson. I University of Arkansas, Fayetteville	Usona Manufacturing Co., New York I Utah Agricultural College, Logan 4
Tucson I University of Arkansas, Fayettevitle 1 University of Buffalo 2 University of California, Berkeley 18 1 ibrary 18	— Extension Division
- Library	- Bureau of Immigration, Labor and Statistics I
— Library 5 University of Cambridge 1 University of Chicago 90	— Commissioner of Insurance 3 — Secretary of State 4 — State Board of Health 1
— Otto S. A. Sprague Memorial Institute r	— State Board of Land Commissioners I
— Press	— State Engineer

Volumes or Pamphlets.	Volumes or Pamphlets.
Utah, State Mine Inspector I	Wangermann, Dr. A., Chicago 2 Ware Bros. Company Philadelphia
— Supt. of Public Instruction	Ware Bros. Company, Philadelphia. 1 Ware, Dr. Lyman, Chicago. 10 Warner & Swassey Co., Cleveland. 1 Warner Elevator Manufacturing Co., Cincin-
	Warner Elevator Manufacturing Co., Cincin-
Van Cleef, Eugene, Duluth. Van Cleve, Charles M., Brooklyn. I Van Dorn Iron Works Co., Cleveland. I Van Hoosen, Dr. Bertha, Chicago. I Van Nostrand Company, New York. I Vancouver (B. C.). Board of Trade. I Vancouver (B. C.), Council. I Vanderbilt University, Nashville, Tenn. 2 Vassar College, Poughkeepsie, N. I Vecchi, Dr. Paolo de. New York. I	Warner Quinlan Achalt Co. New York
Van Hoosen, Dr. Bertha, Chicago	Warren, L. E., Chicago
Van Nostrand Company, New York	Warren, L. E., Chicago. 1 Washburn College, Topeka. 1 Washburn-Crosby Company, Minneapolis. 1 Washington and Lee University, Lexington, Va. 1
Vancouver (B. C.) Board of Trade	washington Agricultural Experiment Station,
Vanderbilt University, Nashville, Tenn 2 Vassar College, Poughkeepsie, N. V.	Pullman
Vecchi, Dr. Paolo de, New York.	— — Division of Horticulture
Vedanta Centre, Boston I Veeder Manufacturing Co., Hartford 12 Veiller, Lawrence, New York I	— Public Service Commission
Venezuela, Minesterio de Fomento	— Secretary of State
Venn, Theodore J., Chicago I Vermont Agricultural Experiment Station 20 — Board of Library Commissioners I	Public Service Commission 3
— Board of Library Commissioners	Supt. of Public Instruction
— Dept. of Agriculture 4	— Surveying and Rating Bureau I Washington State College, Pullman I
— Free Public Library Commission	Washington, State Normal School, Cheney 2
- Secretary of State	Washington (D. C.) Medical Annals
- State Board of Health	Washington (D. C.) Public Library
— Forest Service. 2 — Free Public Library Commission 1 — Geological Survey 1 — Secretary of State 3 — State Board of Health 1 — State Library 7 Supt. of Education 2 Vertical Farming Magazine, Wilmington, Del 1 Victoria Dent. of Agriculture 1	— Supt. of Public Instruction. 2 — Surveying and Rating Bureau. 1 Washington State College, Pullman. 1 Washington, State Normal School, Cheney 2 Washington Home, Chicago. 2 Washington (D. C.) Medical Annals 1 Washington (D. C.) Public Library. 8 Washington (D. C.) Sugar Bureau 2 Washington (D. C.) Sugar Bureau 1 Washington (D. C.) Tuberculosis Hospital 1 Washington University, St. Louis 15 — Medical School 2
Victoria, Dept. of Agriculture	— Medical School
— Dept. of Education	Waterloo (Ia.) Public Library 5
- Premier	Watson-Stillman Co., Adene, N. J
Victoria College Library, Toronto, Ont 13	Massington Chivelsty, St. Louis 15
State Rivers and Water Supply Commission Victoria College Library, Toronto, Ont. 13 Victoria University, Manchester, Eng. 1 Victorian Railways Commissioner, Melbourne. 1	Waxweiler, Emile, Lausanne. 1 Weaver, Dr. D. W., Greensburg, Ind. 4
Vienna Handels und Gerwerbekammer 3	Weekly People, New York
Virginia Agricultural Experiment Station	Waukesha (Wis.) National Bank 2 Waxweiler, Émile. Lausanne. 1 I Weaver, Dr. D. W., Greensburg, Ind 4 Weber, George Welsh, Chicago 1 Weekly People, New York 1 Weigel, Theodor Oswald, Leipzig 2 Wellesley (Mass.) College 1 Wells College, Aurora, N. Y 1 Wernigerode (Ger.) Bibliothek 1 Wesleya Hospital, Chicago 1 Wesleyan University, Middletown, Conn 46 West Baden Springs Co., West Baden, Ind 1 West Coast Lumber Manufacturers' Association, Sealle 3
- Dept of Agriculture and Immigration	Wells College, Aurora, N. Y.
- Dept. of Health 2 - Legislative Reference Bureau 4 - Secretary of the Commonwealth 5 - State Crop Pest Commission 1	Wesley Hospital, Chicago 1
— Secretary of the Commonwealth 5 — State Crop Pest Commission	Wesleyan University, Middletown, Conn 46 West Baden Springs Co., West Baden, Ind 1
- State Library	West Coast Lumber Manufacturers' Associa-
- State Library	West Coast Lumber Manufacturers' Association, Seattle
Virginia and Southwestern Railway Company, New York	West Jersey and Seaside Railroad Company, Philadel bhia
New York	West Virginia, Agricultural Experiment Station 18
Volta Bureau, Washington, D. C 30	- Commissioner of Banking
Von Frantzius, Fritz, Chicago	— Dept. of Free Schools
sis, Asheville, N. C. 2 Voorhees Industrial School, Denmark, S. C. 1	— Secretary of State
Vulcan Process Co., Minneapolis 3	- State Board of Control
Wabash College, Crawfordsville, Ind 2	West Virginia University, Morgantown 4
Wabash College, Crawfordsville, Ind. 2 Wabash Railroad Company, St. Louis. 2 Wadsworth, Howland & Co., Boston. 14	West Virginia University, Morgantown. 4 — College of Agriculture, Morgantown 7 — — Agricultural Extension Dept. 11
Wagenhorst, J. H., & Co., Youngstown, O 1 Wagner, A. P., Chicago. 1 Wagner Electric Manufacturing Co., St. Louis. 1 Wagner Free Institute of Science, Philadelphia 2 Wabl Dr. R. Chicago.	
Wagner Electric Manufacturing Co., St. Louis. 1	Plains, N. Y 6
Washer Free Institute of Science, Philadelphia 2 Wahl, Dr. R., Chicago	Westchester County Research Bureau, White Plains, N. Y. Westcott, Dr. C. D., Chicago
Wahl-Henius Institute of Fermentology, Chicago	Western Australia, Dept. of Mines
Waldman, Morris D., New York	— Geological Survey
Walker, Dr. John B., New York.	- Treasurer of State
Walker, U. S., Co., Worcester, Mass	Western Blue Book, Chicago 1 Western Federation of Miners, Denver 1 Western New York Horticultural Society,
Chicago 7 Waldman, Morris D., New York 1 Walker, Dr., James W., Chicago 3 Walker, Dr. John B., New York 2 Walker, O. S., Co., Worcester, Mass 8 Wall Street Journal, New York 1 Wallace and Tierman Co., New York 1 Wallace Barnes Co., Bristol, Conn 1 Wallace, John T., Chicago 1 Waltham Watch Co., Waltham, Mass 10	Rachester
Wallace, John T., Chicago	Western Railway Club, Chicago. 3 Western Reserve University, Cleveland. 3 Library School. 1
wattham watth Co., waitham, Mass 10	- Library School I

Volumes or Pamphlets.	Volumes or Pamphlets.
Western Society of Engineers, Chicago. 10 Western Surgical Association, Minnea polis. 1 Western University, Quindaro, Kan, State Industrial Department. 2 Westinghouse Electric & Mfg. Co., East Pittsburg. 10 Westminster College, Fullon, Mo. 1 Westminster Public Library, London 1 Westrup, Dr. A. B. 1 White Haven Sanatorium Association, Phila-	Wisconsin Supt. of Public Property 40 — Tax Commission 2 Wisconsin Archæological Society, Milwaukee. 1 Wisconsin Buttermakers' Association, Madison 1 Wisconsin Bettertic Co., Racine. 10 Wisconsin Medical Journal, Milwaukee. 1 Wisconsin Natural History Society, Milwaukee 1 Wisconsin, State Agricultural College. 1 Wisconsin, State Historical Society, Madison. 4 Wisconsin, State Historical Society, Madison. 4 Wisconsin, State Horticultural Society, Madison. 1
White Pine Bureau, St. Paul. 1 White, William Braid, Chicago. 5 Whitelock, James G., Baltimore. 1 Whittall, M. J., Worcester, Mass. 1 Wickersham, George W., New York. 1 Wilbraham (Mass.) Academy. 1 Wiley & Russell Manufacturing Co., Greenfield, Mass. 3 Wilgus, Dr. Sidney A., Rockford, Ill. 1 Wilzus, William II. New York. 2	Wisconsin State Normal School, Madison. 20 Wise, Dr. Stephen S., New York. 1 Wistar Institute of Anatomy and Biology, Philadelphia. 14 Witkorosky, Conrad, Chicago. 4 Woldenberg & Schaar, Chicago. 5 Woman's City Club, Chicago. 5 Woman's Hospital, New York. 5 Woman's Medical College of Pennsylvania,
Wilke, Bruno, Chicago	Philadelphia. Women's Canadian Historical Society, Ottawa, Ont. 3 Women's Foreign Missionary Societies of the Presbyterian Church, New York. Twomen's Trade Union League, London. 2 Wood, R. D., & Co., Philadelphia. 2 Wood Walton J., Los Angeles. 2 Wooddbury, C. J. H., Lynn, Mass. 1 Woodwarff, George, Joliet, Ill. Worcester (Mass.), Board of Park Commissioners. — Free Public Library. Worcester (Mass.), City Hospital. 3 Worcester (Mass.), County Law Library. 1 Worcester (Mass.), State Hospital. 1 Worcester (Mass.), State Hospital. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) Public Library. 1 Workington (Eng.) 2 You York 3 Workington (Eng.) 4 Workington (Eng.) 5 Workington (Eng.) 1 Workington (Eng.) 1 Workington (Eng.) 2 Wood (Eng.) 2 Wood (Eng.) 3 Workington (Eng.) 4 Workington (Eng.) 5 Workington (Eng.) 5 Workington (Eng.) 5 Workington (Eng.) 6 Workington (Eng.) 8 Workington (Eng.) 9 Workington (Eng.) 1 Workington (Eng.) 1 Workington (Eng.) 1 Workington (Eng.) 1 Workington (Eng.) 1 Workington (Eng.) 2 Workington (Eng.) 2 Workington (Eng.) 2 Workington (Eng.) 2 Workington (Eng.) 2 Workington (Eng.) 2 Workington (Eng.) 2 Workington (Eng.) 2 Workington (Eng.) 3 Workington (Eng.) 4 Workington (Eng.) 5 Workington (Eng.) 5 Workington (Eng.) 6 Workington (Eng.) 6 Workington (Eng.) 8 Workington (Eng.) 8 Workington (Eng.) 9 Workington (Eng.
Letters, Madison. 1 Wisconsin Agricultural Experiment Station. 20 Board of Regents of Normal Schools. 14 — Civil Service Commission. 1 — Commissioner of Banking. 4 — Dairy and Food Commissioner. 1 — Efficiency Bureau. 5 — Geological and Natural History Survey. 2 — Industrial Commission. 24 — Insurance Commission. 24 — Railroad Commission. 26 — Railroad Commission. 26 — State Banking Dept. 6 — State Board of Agriculture. 3 State Board of Control. 0 — State Board of Houstrial Education. 1 — State Bureau of Vital Statistics. 1 — State Entomologist. 1 — State Entomologist. 1 — State Eire Marshal 2 — Supt. of Public Instruction. 2	— State Engineer

SUMMARY OF STATISTICS

IN FORM RECOMMENDED BY THE AMERICAN LIBRARY ASSOCIATION

THE JOHN CRERAR LIBRARY CHICAGO, ILLINOIS

A FREE PUBLIC REFERENCE LIBRARY OF SCIENTIFIC AND TECHNICAL LITERATURE

21st Annual report for year ended December 31, 1915

•	0 / / 3
Central library with three reading	g rooms
Number of days open during year	r 314
Hours open each week for reading	g 78
Total number of staff -	57
Total valuation of library prope	erty \$5,392,477
Number of volumes at beginning	
Number of volumes added by pur	rchase 13,111
Number of volumes added by gift	t and exchange 3,778
Number of volumes lost or withd	rawn 633
Total number at end of year	353,394
Number of pamphlets at beginning	ng of year 112,211
Number of pamphlets added	10,613
Total number of pamphlets at en	
Other additions (maps) -	2,229
Total maps	10,854
Number of periodicals currently re	
•	3,789 copies of 3,758 titles.
Number of other serials -	12,547
Number of people using library for	or reading and study - 170,163
Recorded use (call slips filled)	195,502
RECEIPTS FROM	PAYMENTS FOR MAINTENANCE
Endowment funds, net \$229,923	Books \$27,329 Periodicals 6,749
Other sources 1,188	Other serials 3,642
Total receipts \$231,111	Binding
. 3.,	Salaries, library service - 59,233
	Salaries, janitor service - 4,540
	Taxes 13,602
	Insurance 3,532
	Rent and Heat 37,439
	Light 2,129
	Other maintenance - 22,492
	Total maintenance \$190,667
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REGULATIONS

The Library is a free public reference library, open to readers every day, excepting Sundays, from 9 A. M. to 10 P. M.

Satchels, suit cases, bags, etc., must be checked in the Cloak Room. Outer garments, umbrellas, and packages may be, and in wet weather must be, so checked. No charge is made for the service. The Library will not hold itself responsible for unchecked articles nor for any articles left over night.

Books shelved in the Reading Room and in the Senn Room, except as noted below, may be consulted without formality, but after use are to be left on the tables, instead of being replaced on the shelves.

Current periodicals, except those on the Medical Sciences, may be consulted in the Periodical Room and may be obtained for use at the tables in the Reading Rooms by presenting at the delivery desk serial call-slips properly filled out. Current medical periodicals are shelved in the Senn Room and may be consulted there.

Books not shelved in the Reading Rooms may be obtained by presenting at the delivery desk book call-slips properly filled out. These books are to be returned to the delivery desk.

Persons engaged in special research, if satisfactorily vouched for, may be admitted to the Stack Rooms. Application for this privilege should be made to the Reference Librarians. All books used under this provision are to be left on the tables in the Stack Rooms.

Books not suitable for general use may be consulted only upon registration and statement of satisfactory reasons, and those of great value or rarity only in the presence of an attendant.

Writing or marking in books belonging to the Library, their mutilation in any manner, and their removal from the Library, are forbidden. The tracing of plans will be permitted if done over a celluloid cover, but not otherwise. The covers will be furnished upon application at the delivery desk.

The officials of the Library are authorized to exclude any person of unseemly behavior or appearance, and any one wilfully violating its regulations.

The Reference Librarians, in charge of the Reading Rooms, will give assistance in the use of the library.

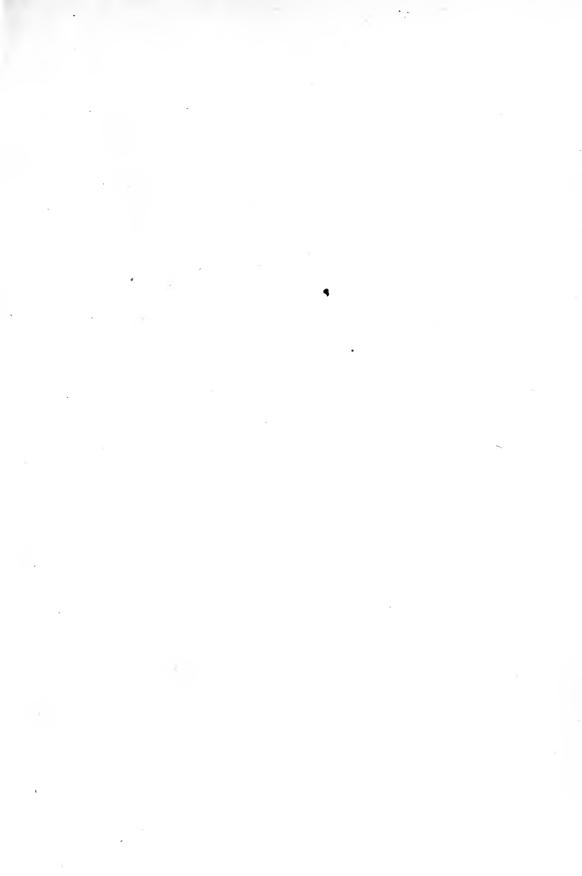
PUBLICATIONS IN PRINT

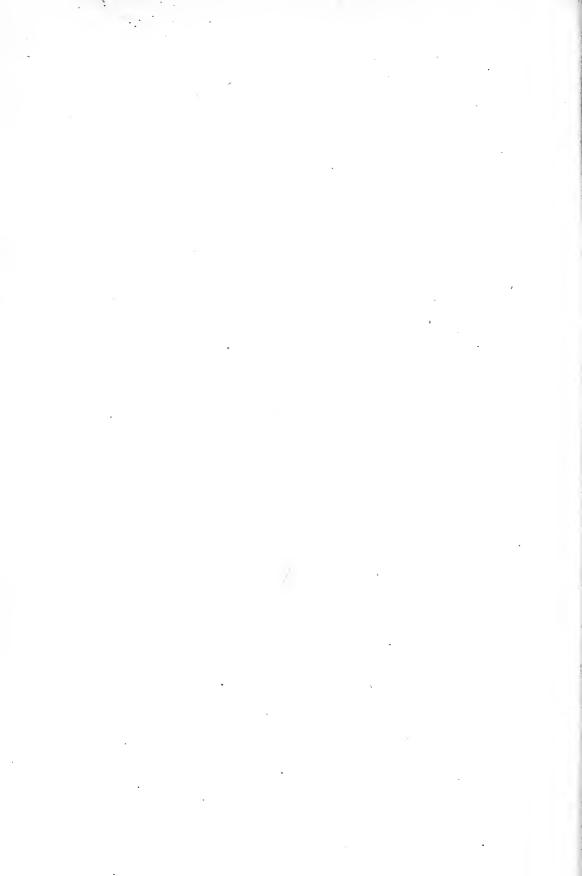
No bills are rendered. Orders should be accompanied by postal money order or stamps.

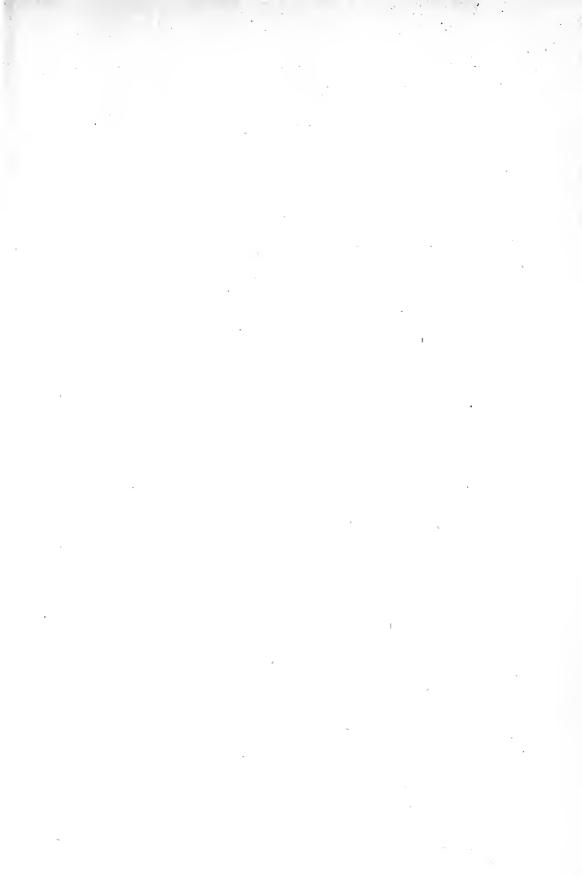
Annual reports. First to twenty-first for the years 1895-1915. Chicago 1897-1916. Sent gratis on request, except 1906.

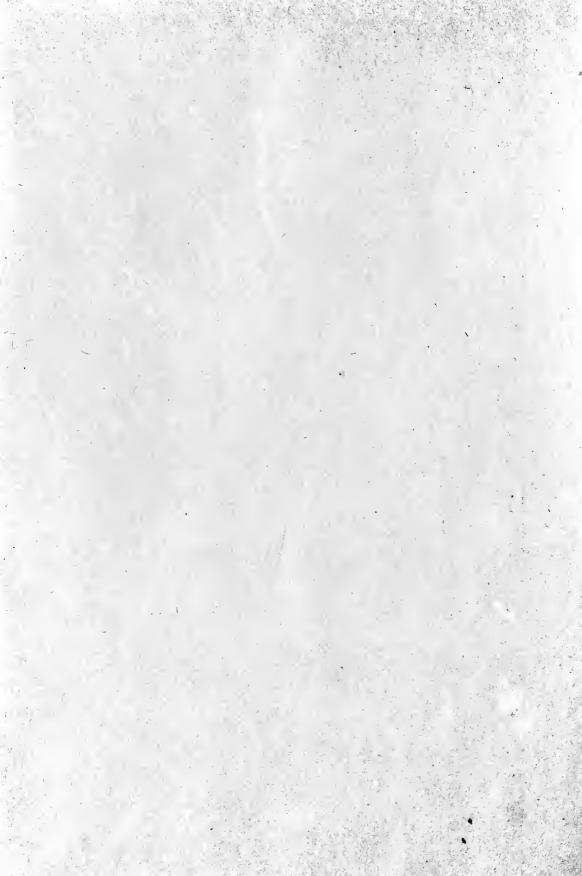
The First report contains Record of Organization; the Second, Memorial of Edson Keith; the Fourth, By-laws of the Corporation; the Fifth, Memorial and portrait of Norman Williams; the Sixth, Memorial and portrait of Huntington W. Jackson; the Seventh, Act and Ordinance authorizing the Library to erect and maintain a free public library on the Lake Front Park; the Ninth, "Act concerning free public libraries in public parks"; the Eleventh, Memorial and portrait of Marshall Field, and "Ordinance concerning The John Crerar Library"; the Thirteenth, Memorials and portraits of Albert Keep and Dr. Nicholas Senn; the Fourteenth, By-laws of the Corporation; the Fifteenth, Report of the Special Committee on Site; the Nineteenth, Memorial and portrait of Henry W. Bishop; the Twentieth, Memorial and portrait of Eliphalet W. Blatchford.

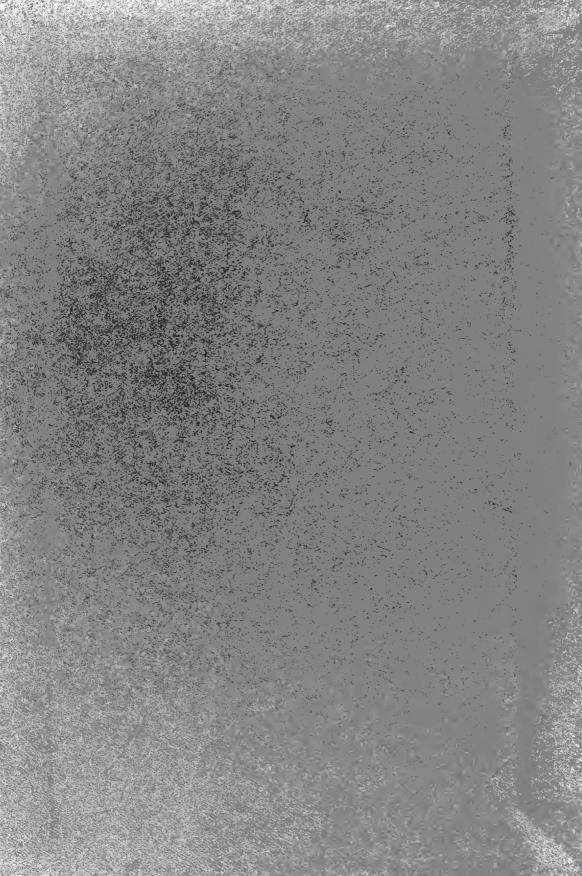
- Printed catalogue cards for the titles of all books in the Library. Prices on application.
- A list of current periodicals in the Reading Room, June, 1902. Chicago 1902. 97 p. Price 10 cents; by mail 15 cents.
- A list of books on industrial arts, October, 1903. Chicago 1904. 249 p. Price 20 cents; by mail 30 cents.
- A bibliography of union lists of serials. Chicago 1906. 28 p. Price 5 cents; by mail 10 cents.
- A list of books exhibited December 30, 1907—January 4, 1908, including incunabula and other early printed books in the Senn Collection. Chicago 1907. 32 p. Price 5 cents; by mail 10 cents.
- A list of books in the Reading Room, 1909. Chicago 1909. viii, 488 p. Price 25 cents; by mail 50 cents.
- A list of books on the history of science. Chicago 1911. 10, 297 p. Price 25 cents; by mail 40 cents.
- A list of current medical periodicals and allied serials, second edition, April, 1913. Chicago 1913. 32 p. Price 5 cents; by mail 10 cents.
- Handbook, 1913. Chicago 1913. 16 p. Sent gratis on request.
- A list of books on the history of industry and industrial arts, January, 1915. Chicago 1915. 9, 486 p. Price 25 cents by mail 50 cents.











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